

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100918\
 Data File : VX005185.D
 Acq On : 10 Oct 2018 03:51
 Operator : JC/MD
 Sample : J5284-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-DUP02-20181003

Quant Time: Oct 10 06:01:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	176852	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	275369	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	272198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	148977	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	134169	53.11	ug/l	0.00
Spiked Amount			Recovery	=	106.22%	
35) Dibromofluoromethane	5.51	113	118223	50.66	ug/l	0.00
Spiked Amount			Recovery	=	101.32%	
50) Toluene-d8	8.72	98	405217	52.23	ug/l	0.00
Spiked Amount			Recovery	=	104.46%	
62) 4-Bromofluorobenzene	11.14	95	140403	50.23	ug/l	0.00
Spiked Amount			Recovery	=	100.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	827	0.343	ug/l	95
3) Chloromethane	1.33	50	707	0.242	ug/l	96
5) Bromomethane	1.64	94	564	0.347	ug/l	97
6) Chloroethane	1.71	64	319	Below Cal	#	45
7) Trichlorofluoromethane	1.93	101	715	0.210	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	12323	6.369	ug/l	99
10) Methyl Iodide	2.51	142	895	0.346	ug/l #	81
11) Tert butyl alcohol	3.07	59	272	0.385	ug/l	99
12) 1,1-Dichloroethene	2.37	96	9256	4.830	ug/l	99
13) Acrolein	2.30	56	284	0.565	ug/l #	65
15) Acrylonitrile	3.15	53	763	0.491	ug/l #	19
16) Acetone	2.45	43	4397	2.981	ug/l	97
17) Carbon Disulfide	2.57	76	2211	0.384	ug/l #	91
20) Methylene Chloride	2.86	84	386	Below Cal	#	78
21) trans-1,2-Dichloroethene	3.16	96	584	0.278	ug/l #	84
24) 1,1-Dichloroethane	3.70	63	5088	1.211	ug/l	94
25) 2-Butanone	4.71	43	4459	2.051	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	4907	2.094	ug/l	87
29) Tetrahydrofuran	5.17	42	2189	1.620	ug/l #	91
30) Chloroform	5.22	83	3770	0.950	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	1183	0.365	ug/l #	48
38) Carbon Tetrachloride	5.79	117	1731	0.517	ug/l #	70
39) Methylcyclohexane	7.21	83	19240	5.918	ug/l #	1
42) 1,2-Dichloroethane	6.20	62	954	0.271	ug/l #	73
44) Trichloroethene	7.21	130	1664565	679.250	ug/l	97
49) 1,4-Dioxane	7.76	88	2104	30.585	ug/l #	90
55) 1,1,2-Trichloroethane	9.22	97	2079	0.866	ug/l #	93
56) Ethyl methacrylate	9.33	69	20	2.867	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.38	63	45	14.263	ug/l #	49
59) 2-Hexanone	9.50	43	1189	0.371	ug/l	73
60) Dibromochloromethane	9.34	129	2099	0.875	ug/l #	10
64) Tetrachloroethene	9.34	164	2397	0.895	ug/l	91
70) Styrene	10.71	104	363	2.187	ug/l #	86
74) N-amyl acetate	10.91	43	246	1.794	ug/l #	69

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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

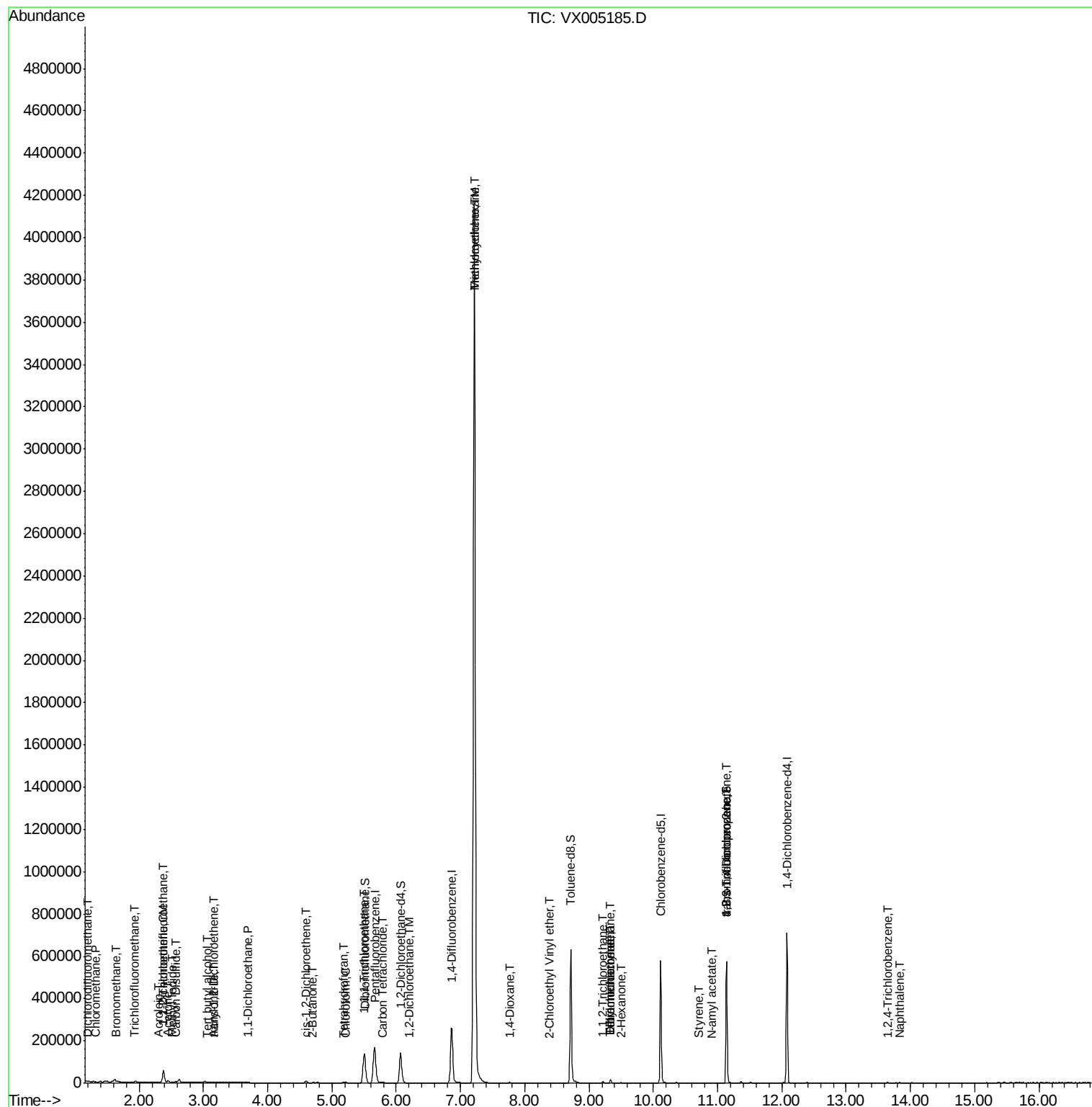
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,2,3-Trichloropropane	11.14	75	70380	21.077	uq/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	584	Below Cal		98
81) trans-1,4-Dichloro-2-buten	11.14	75	70380	57.189	uq/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	725	Below Cal		89
93) 1,2,4-Trichlorobenzene	13.65	180	754	0.202	uq/l	93
95) Naphthalene	13.83	128	1731	0.857	uq/l	96

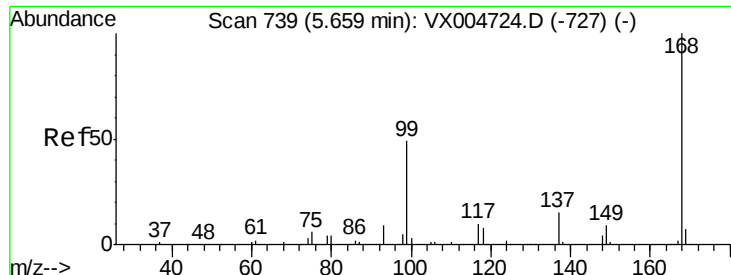
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005185.D

Acq: 10 Oct 2018 03:51

Instrument :

MSVOA_X

ClientSampleId :

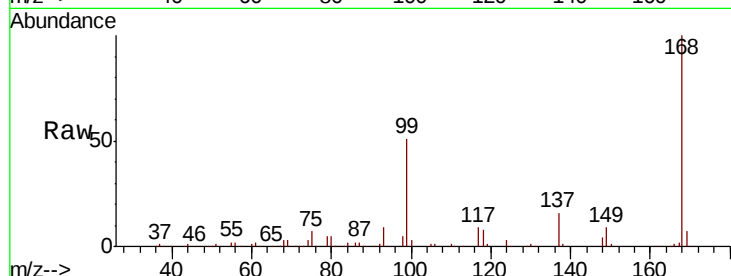
TT-DUP02-20181003

Tot Ion:168 Resp: 176852

Ion Ratio Lower Upper

168 100

99 51.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

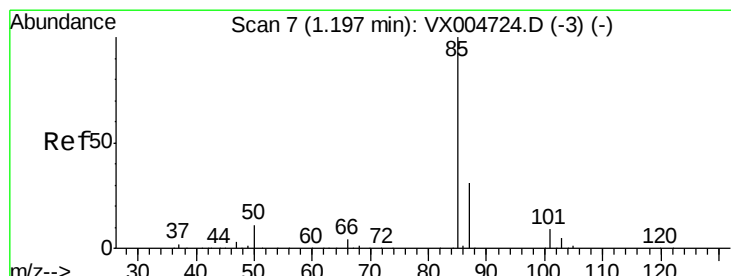
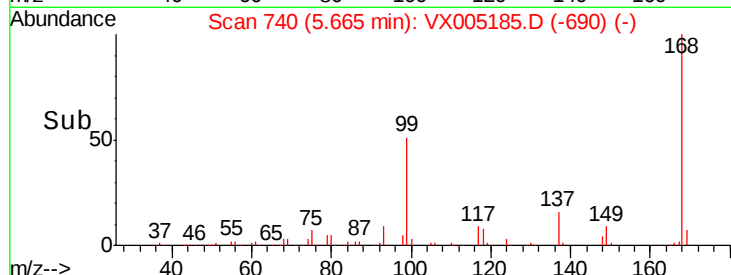
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.343 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005185.D

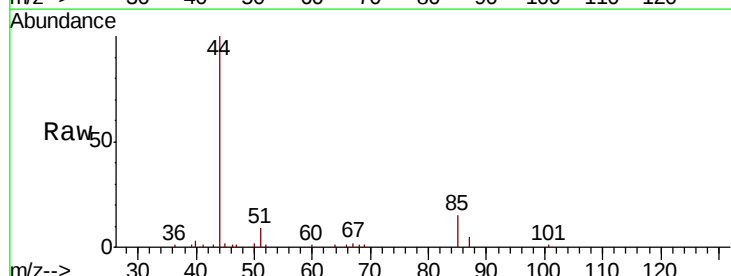
Acq: 10 Oct 2018 03:51

Tgt Ion: 85 Resp: 827

Ion Ratio Lower Upper

85 100

87 34.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

1000

800

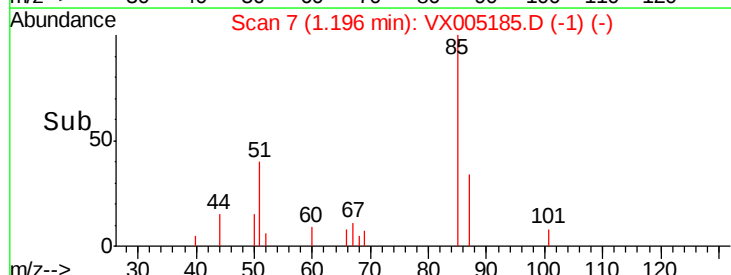
600

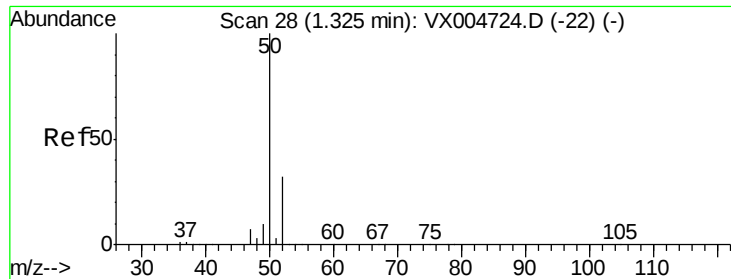
400

200

0

Time--> 1.20 1.25





#3

Chloromethane

Concen: 0.242 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX005185.D

Acq: 10 Oct 2018 03:51

Instrument :

MSVOA_X

ClientSampleId :

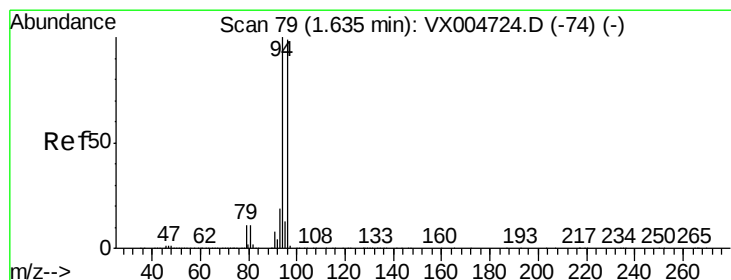
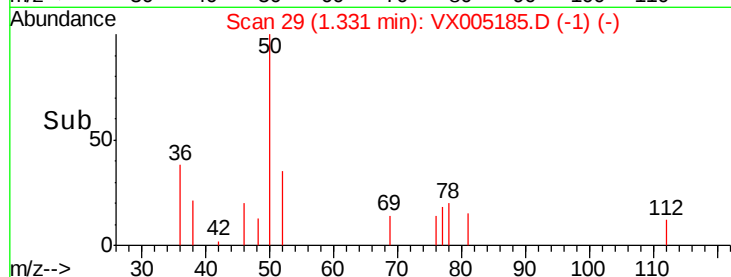
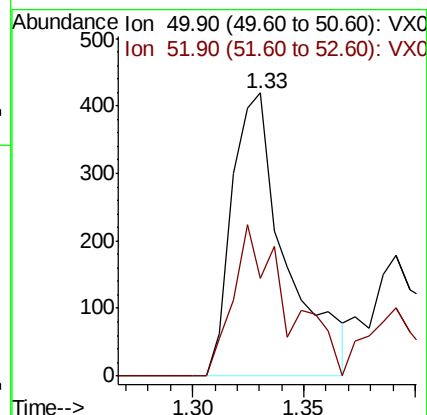
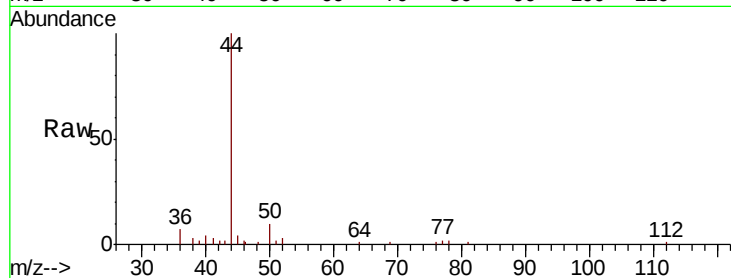
TT-DUP02-20181003

Tot Ion: 50 Resp: 707

Ion Ratio Lower Upper

50 100

52 34.6 25.8 38.6



#5

Bromomethane

Concen: 0.347 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX005185.D

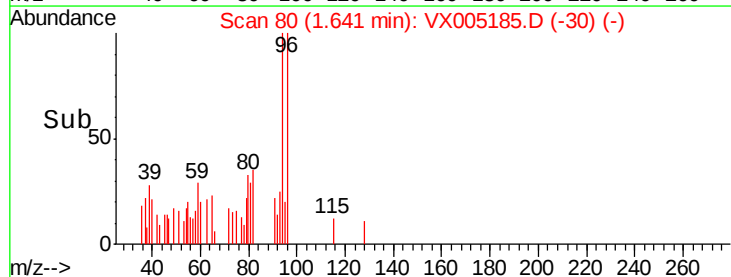
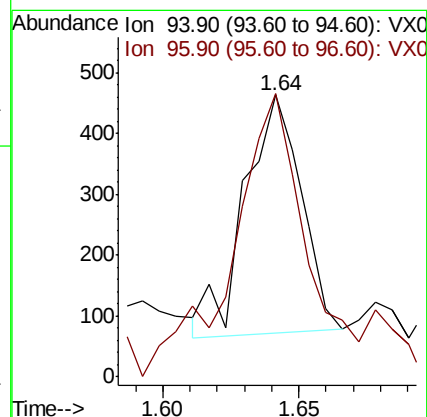
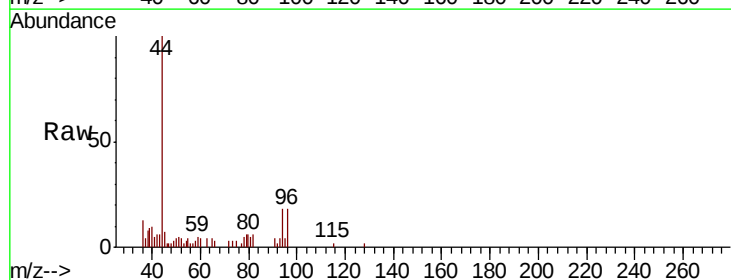
Acq: 10 Oct 2018 03:51

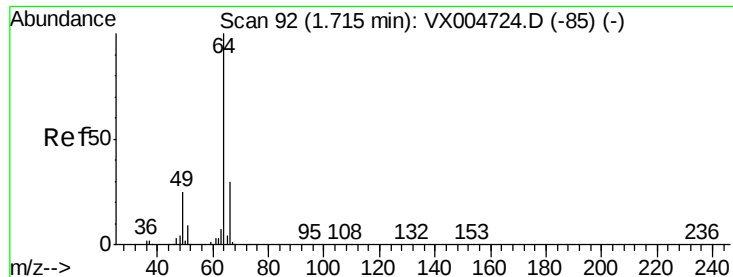
Tgt Ion: 94 Resp: 564

Ion Ratio Lower Upper

94 100

96 96.9 79.5 119.3





#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX005185.D

Acq: 10 Oct 2018 03:51

Instrument :

MSVOA_X

ClientSampleId :

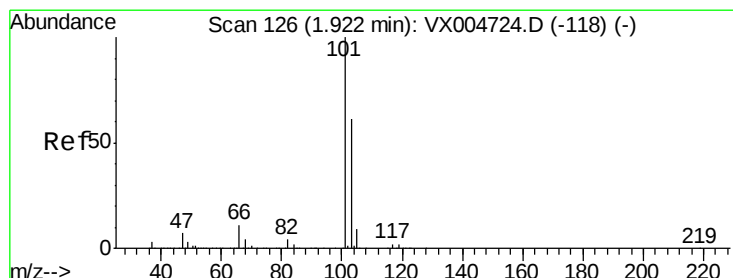
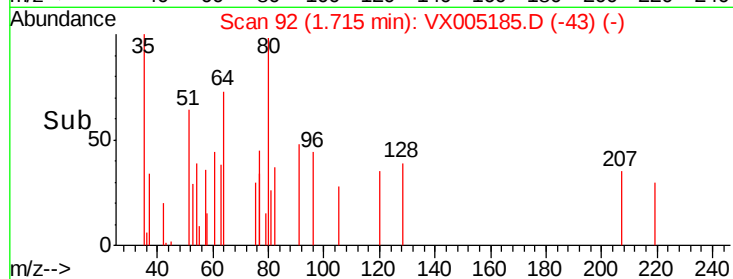
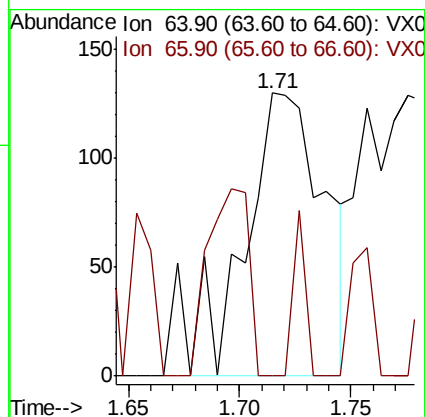
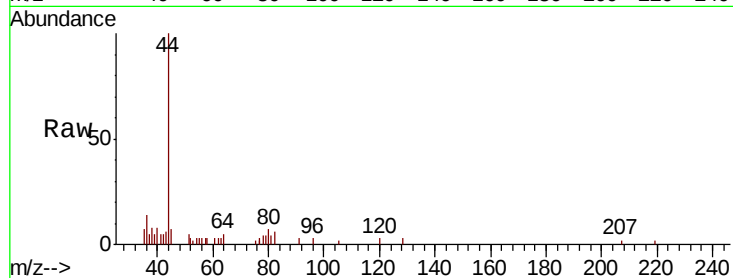
TT-DUP02-20181003

Tot Ion: 64 Resp: 319

Ion Ratio Lower Upper

64 100

66 0.0 23.8 35.6#



#7

Trichlorofluoromethane

Concen: 0.210 ug/l

RT: 1.93 min Scan# 128

Delta R.T. 0.01 min

Lab File: VX005185.D

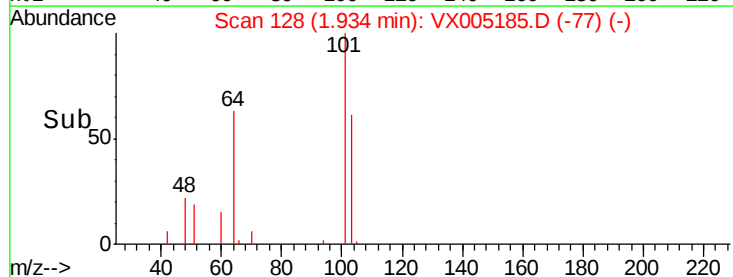
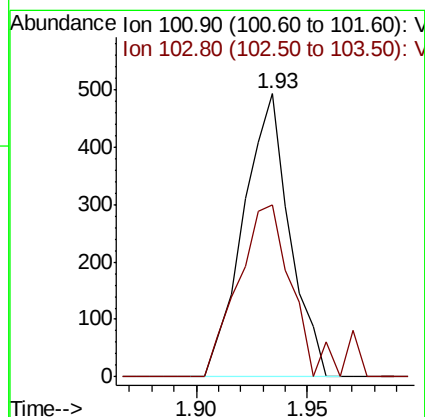
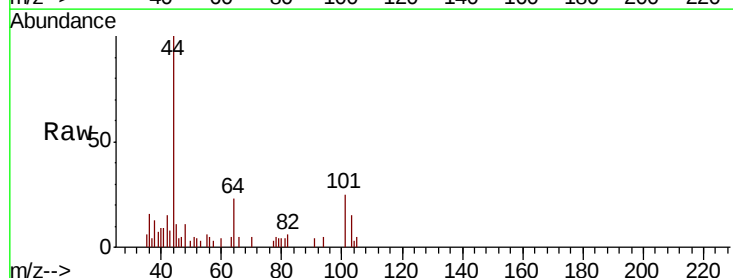
Acq: 10 Oct 2018 03:51

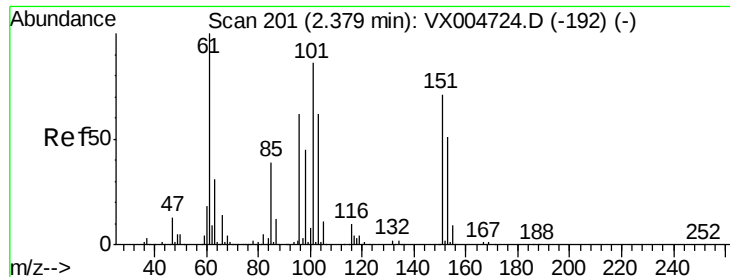
Tgt Ion: 101 Resp: 715

Ion Ratio Lower Upper

101 100

103 60.6 48.4 72.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.369 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005185.D

Acq: 10 Oct 2018 03:51

Instrument :

MSVOA_X

ClientSampleId :

TT-DUP02-20181003

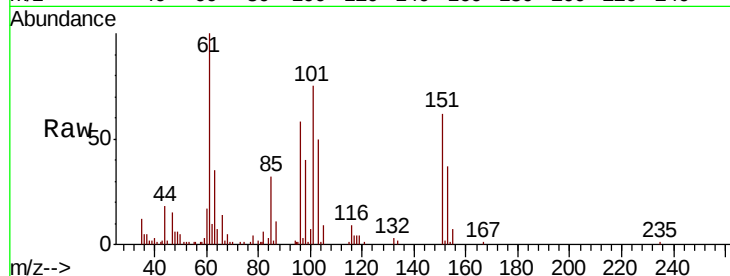
Tot Ion:101 Resp: 12323

Ion Ratio Lower Upper

101 100

85 45.4 35.9 53.9

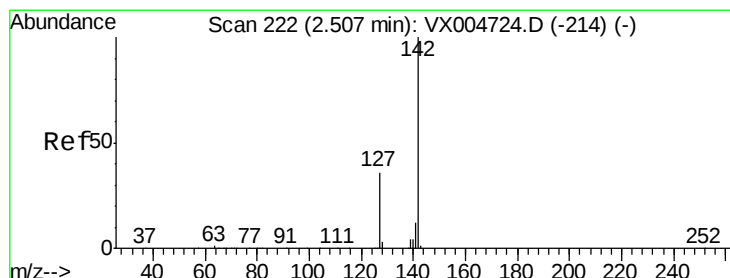
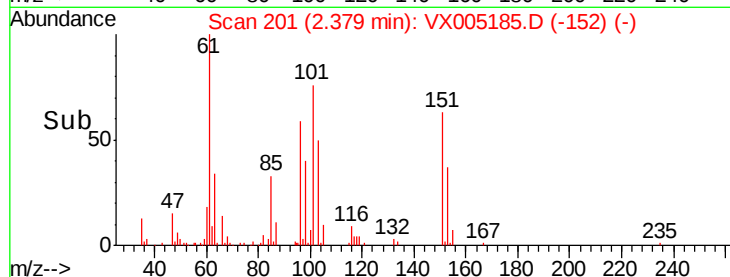
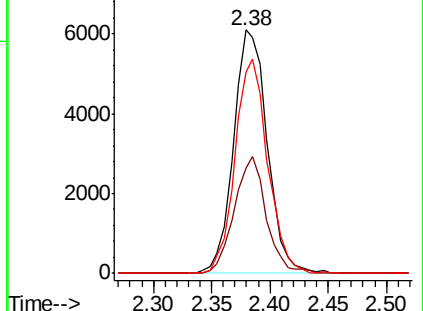
151 84.8 66.6 100.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.346 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005185.D

Acq: 10 Oct 2018 03:51

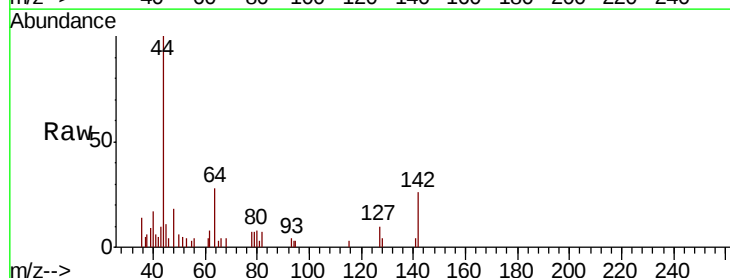
Tgt Ion:142 Resp: 895

Ion Ratio Lower Upper

142 100

127 49.5 30.1 45.1#

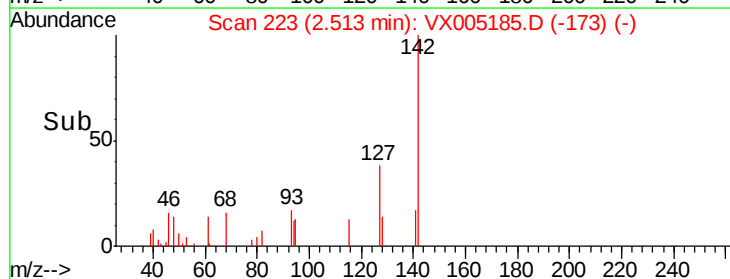
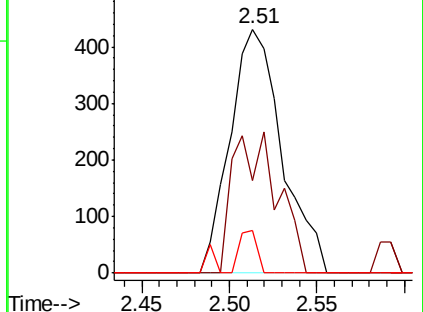
141 5.9 10.1 15.1#

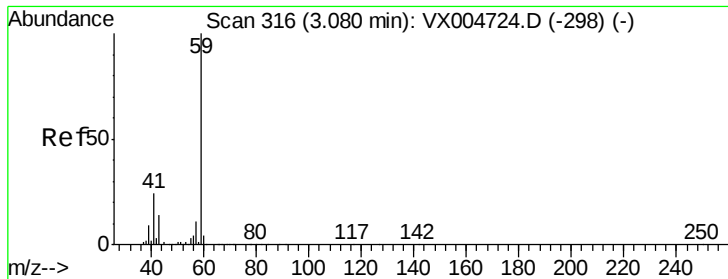


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



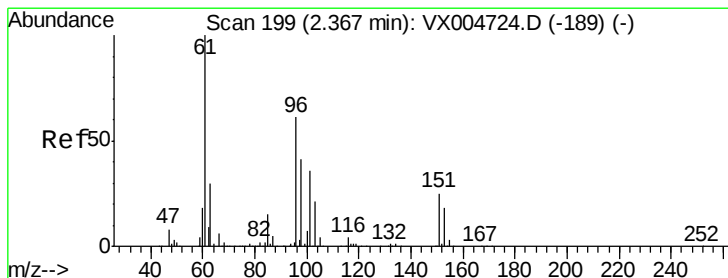
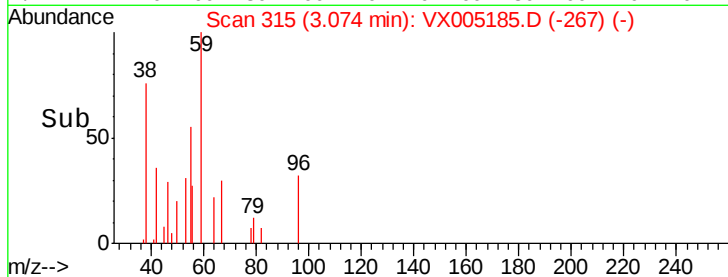
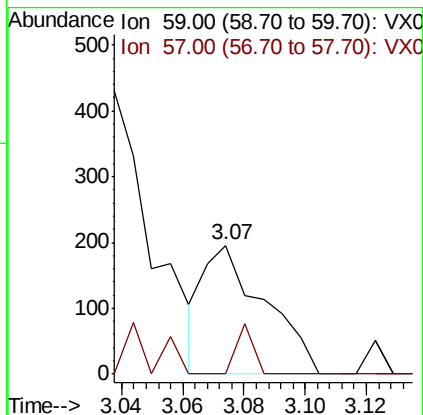
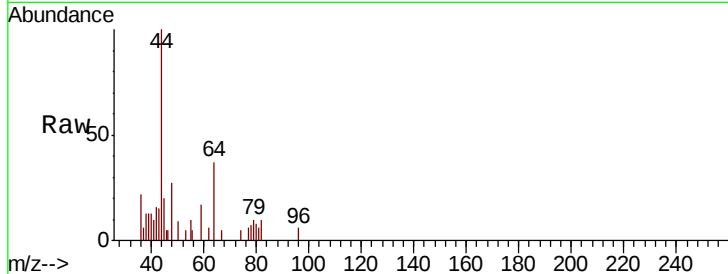


#11

Tert butyl alcohol
 Concen: 0.385 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX005185.D
 Acq: 10 Oct 2018 03:51

Instrument :
 MSVOA_X
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 TT-DUP02-20181003

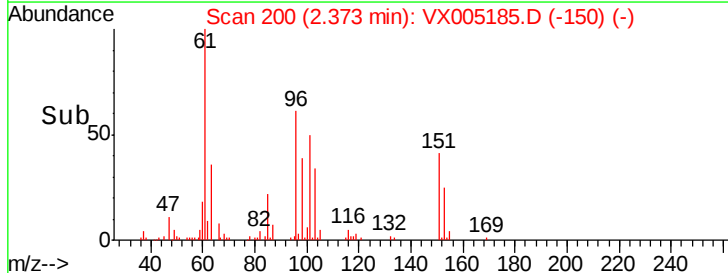
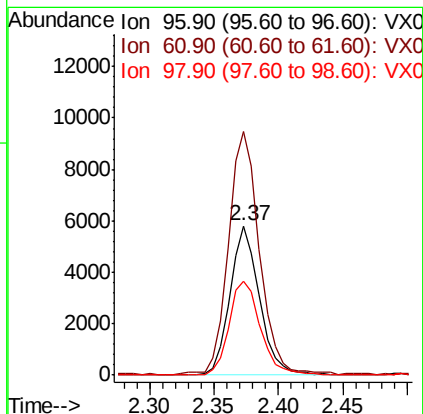
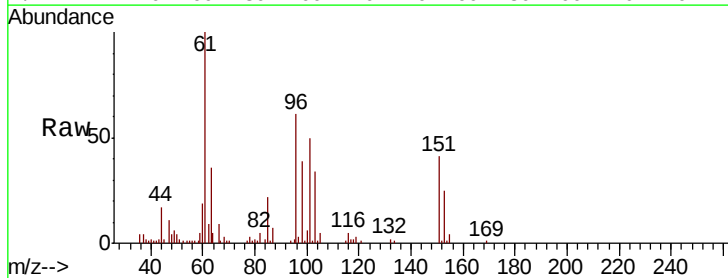
Tot Ion: 59 Resp: 272
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.6 12.8

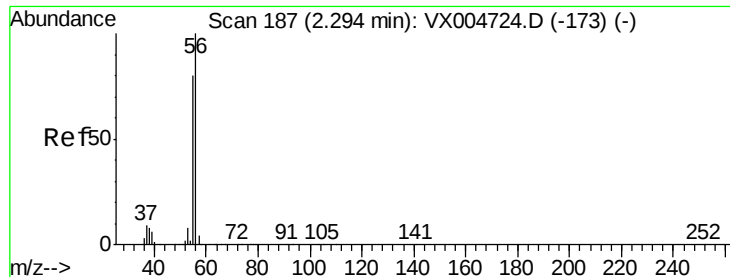


#12

1,1-Dichloroethene
 Concen: 4.830 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX005185.D
 Acq: 10 Oct 2018 03:51

Tgt Ion: 96 Resp: 9256
 Ion Ratio Lower Upper
 96 100
 61 163.3 130.2 195.4
 98 63.4 53.4 80.0





#13

Acrolein

Concen: 0.565 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX005185.D

Acq: 10 Oct 2018 03:51

Instrument :

MSVOA_X

ClientSampleId :

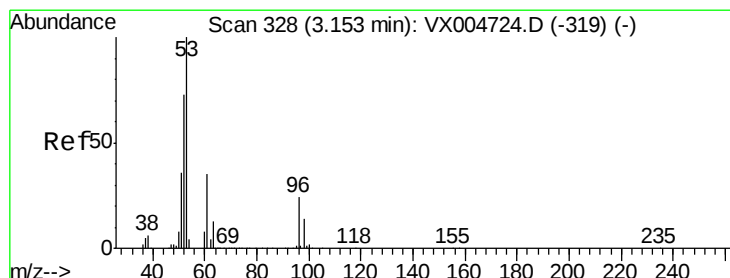
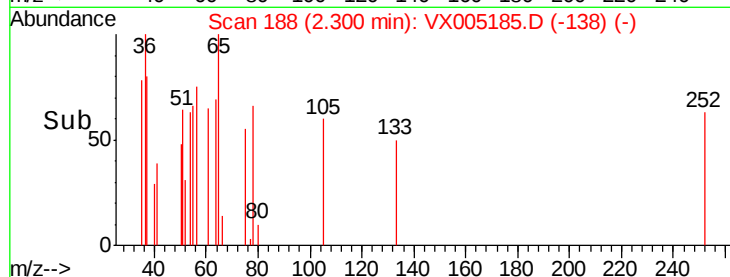
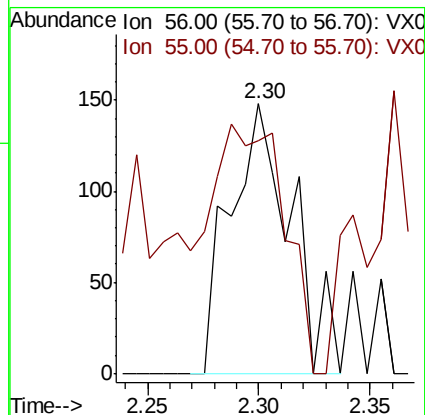
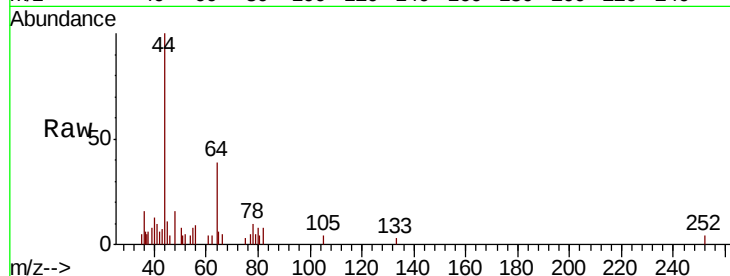
TT-DUP02-20181003

Tot Ion: 56 Resp: 284

Ion Ratio Lower Upper

56 100

55 109.9 63.4 95.2#



#15

Acrylonitrile

Concen: 0.491 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005185.D

Acq: 10 Oct 2018 03:51

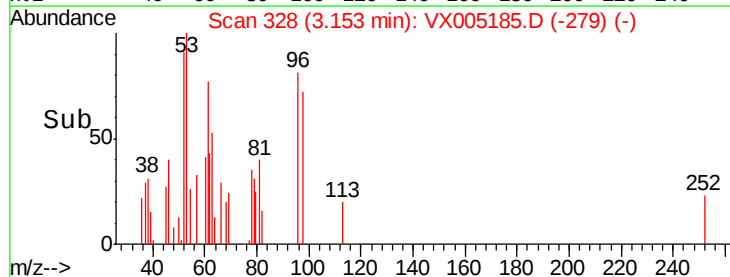
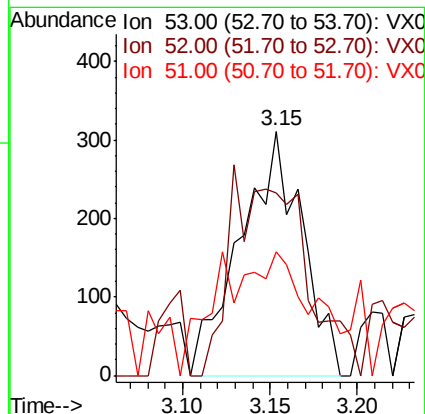
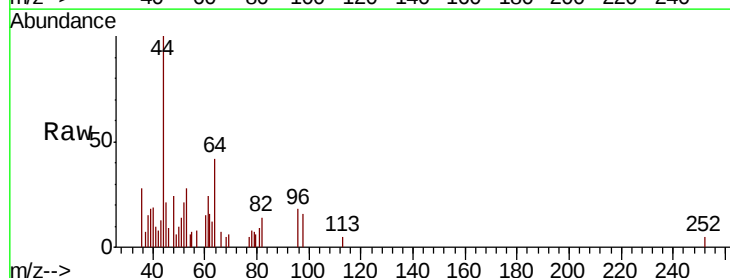
Tgt Ion: 53 Resp: 763

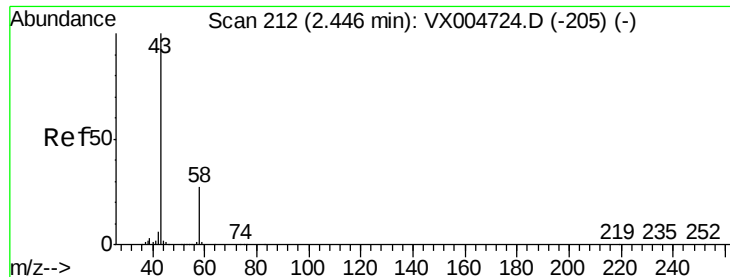
Ion Ratio Lower Upper

53 100

52 0.0 63.0 94.4#

51 0.0 28.6 42.8#





#16

Acetone

Concen: 2.981 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005185.D

Acq: 10 Oct 2018 03:51

Instrument :

MSVOA_X

ClientSampleId :

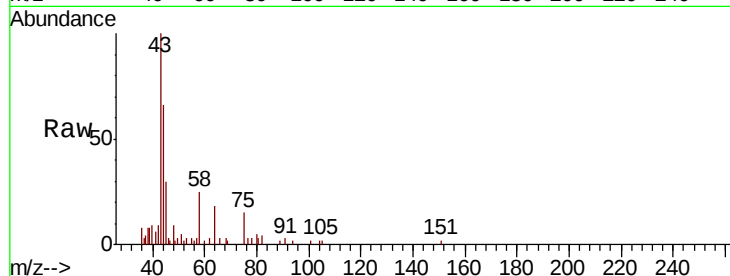
TT-DUP02-20181003

Tot Ion: 43 Resp: 4397

Ion Ratio Lower Upper

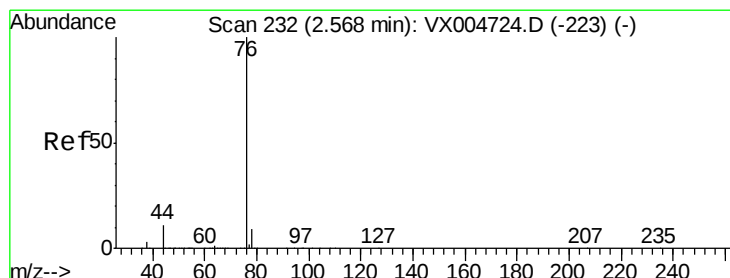
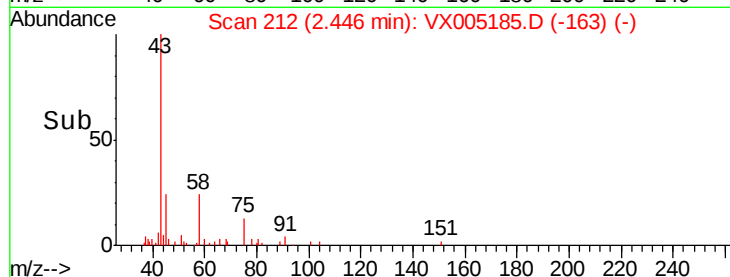
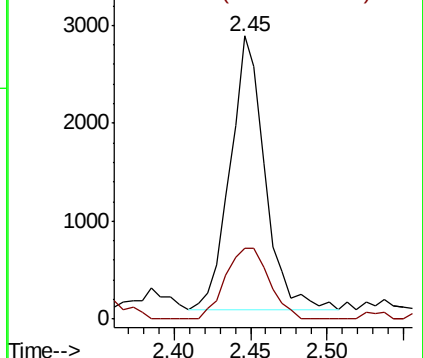
43 100

58 25.8 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.384 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005185.D

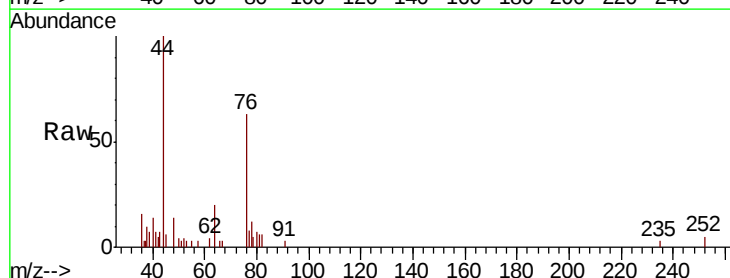
Acq: 10 Oct 2018 03:51

Tgt Ion: 76 Resp: 2211

Ion Ratio Lower Upper

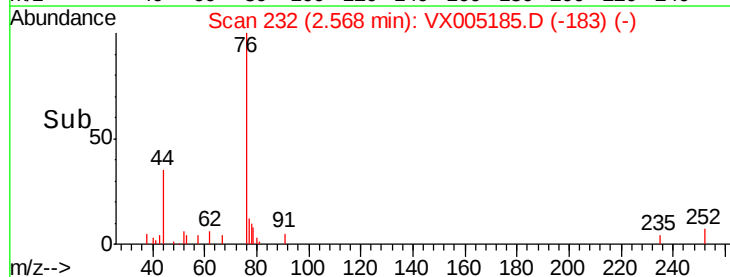
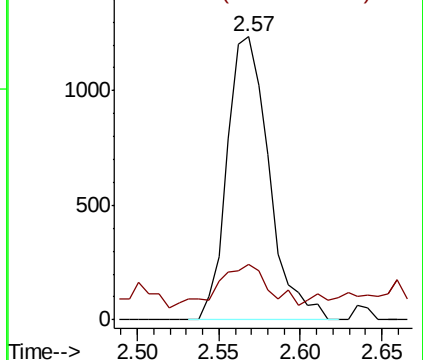
76 100

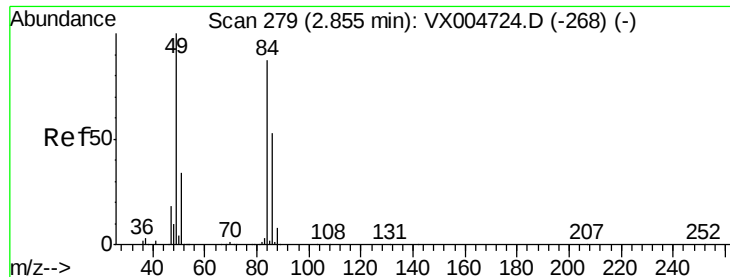
78 12.1 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0





#20

Methylene Chloride

Concen: Below Cal

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX005185.D

Acq: 10 Oct 2018 03:51

Instrument :

MSVOA_X

ClientSampleId :

TT-DUP02-20181003

Tot Ion: 84 Resp: 386

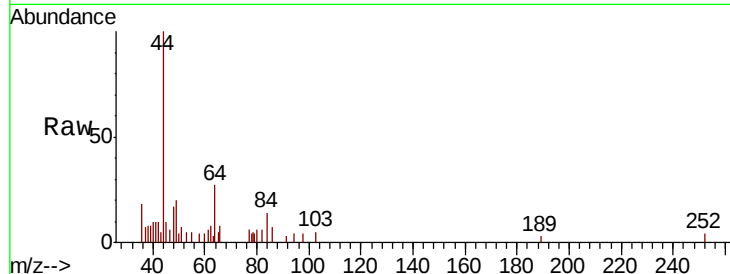
Ion Ratio Lower Upper

84 100

49 146.7 92.3 138.5#

51 51.9 31.8 47.6#

86 53.3 48.5 72.7

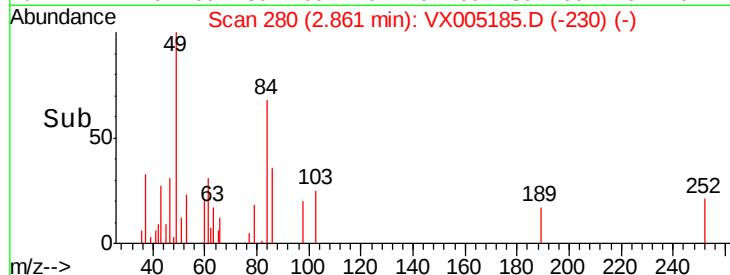
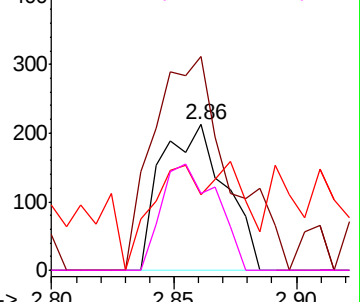


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#21

trans-1,2-Dichloroethene

Concen: 0.278 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005185.D

Acq: 10 Oct 2018 03:51

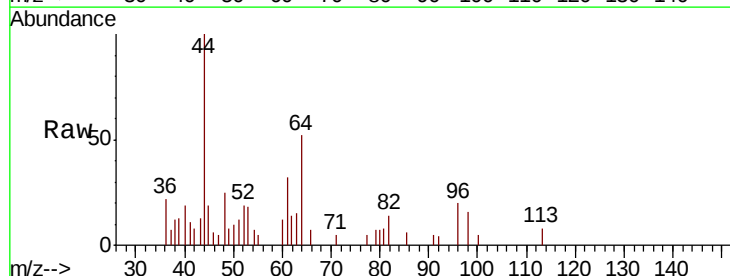
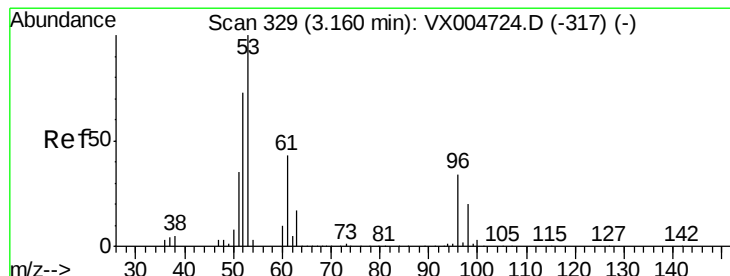
Tgt Ion: 96 Resp: 584

Ion Ratio Lower Upper

96 100

61 138.7 101.0 151.6

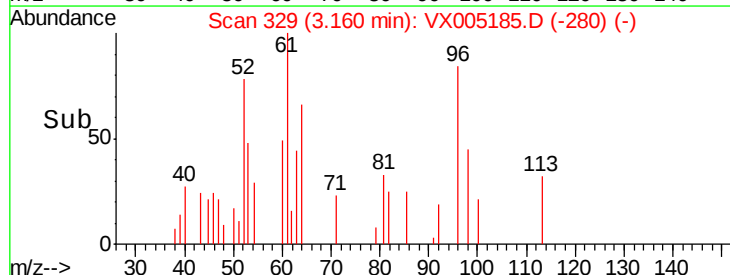
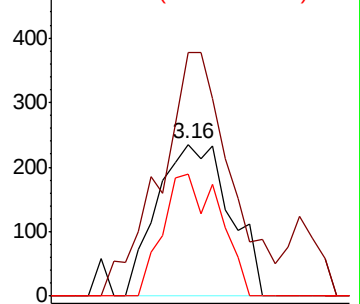
98 80.4 47.2 70.8#

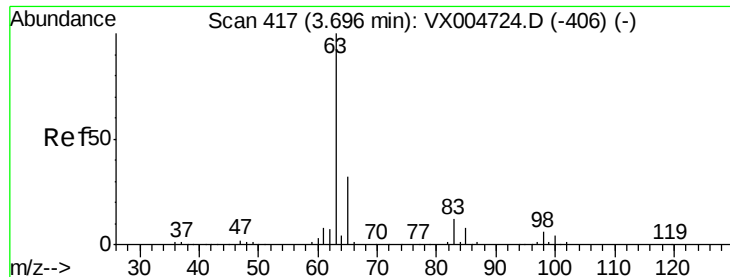


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#24

1,1-Dichloroethane

Concen: 1.211 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005185.D

Acq: 10 Oct 2018 03:51

Instrument :

MSVOA_X

ClientSampleId :

TT-DUP02-20181003

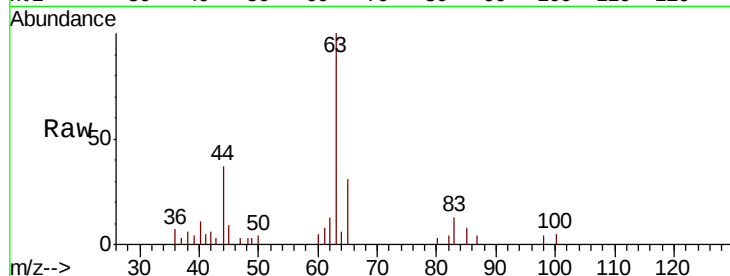
Tot Ion: 63 Resp: 5088

Ion Ratio Lower Upper

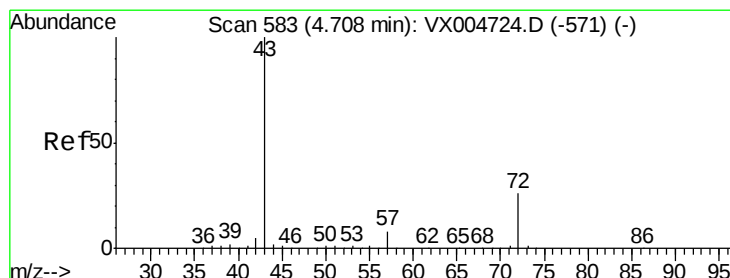
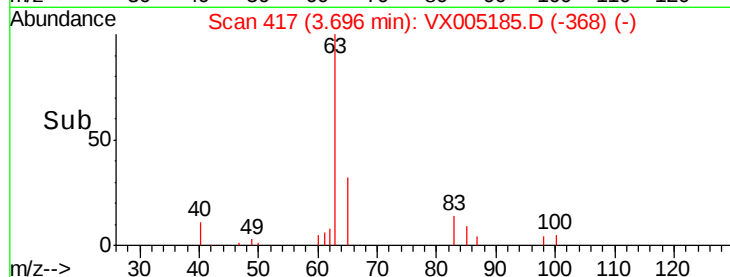
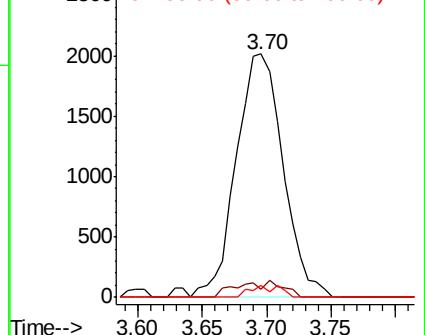
63 100

98 3.5 3.0 9.2

100 4.9 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#25

2-Butanone

Concen: 2.051 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX005185.D

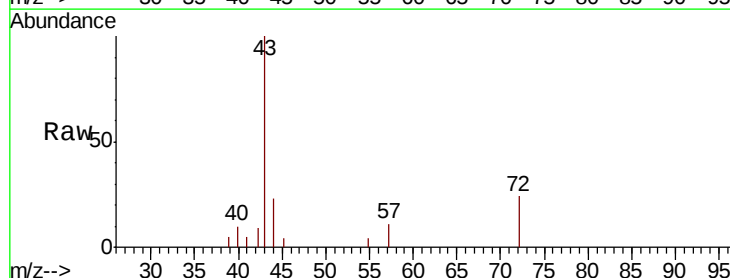
Acq: 10 Oct 2018 03:51

Tgt Ion: 43 Resp: 4459

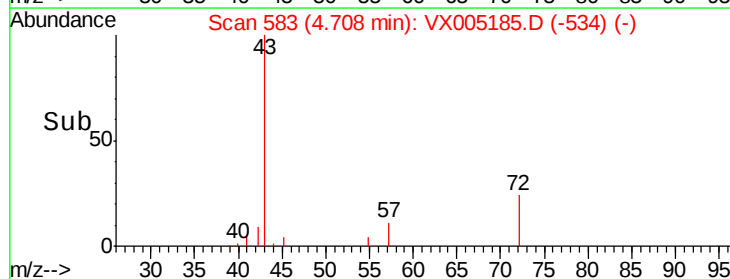
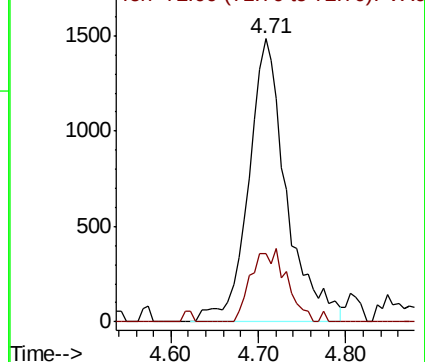
Ion Ratio Lower Upper

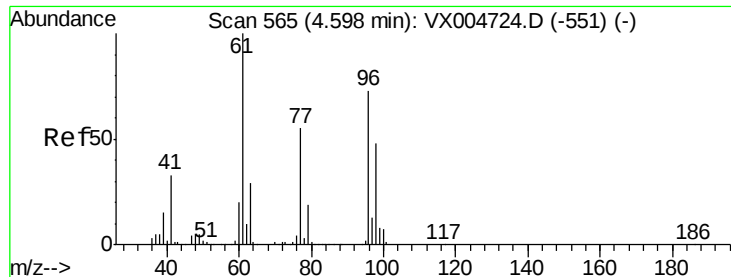
43 100

72 24.3 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



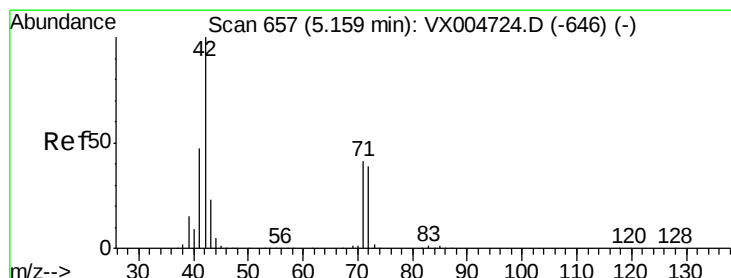
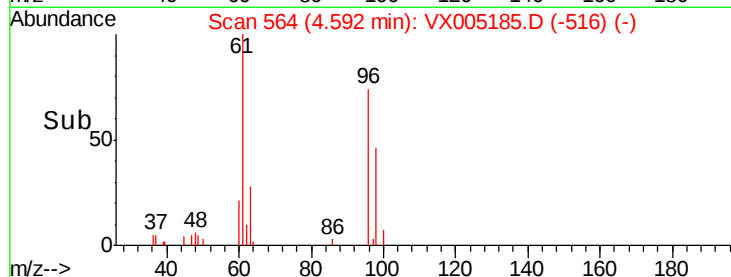
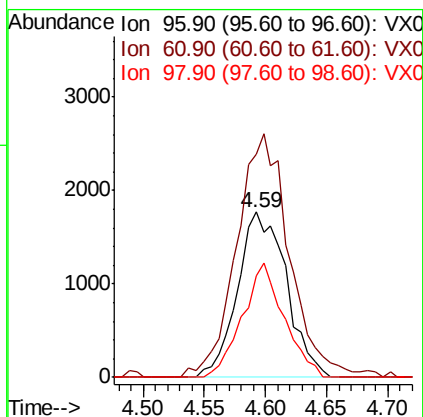
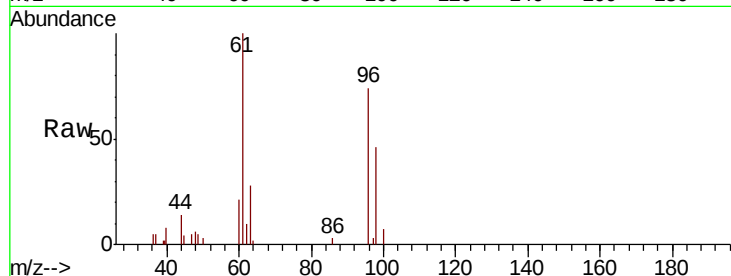


#27

cis-1,2-Dichloroethene
 Concen: 2.094 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX005185.D
 Acq: 10 Oct 2018 03:51

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-DUP02-20181003

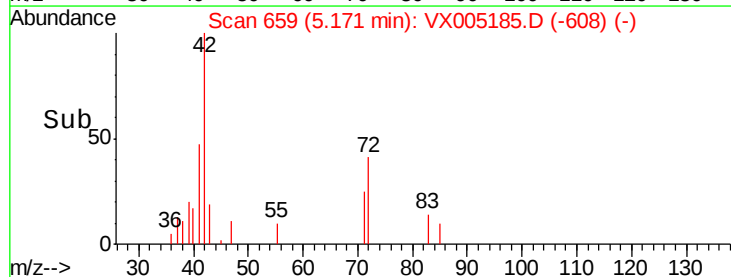
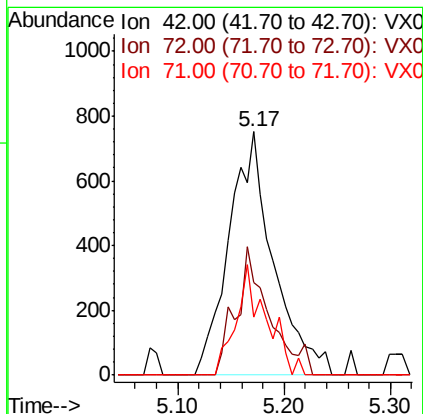
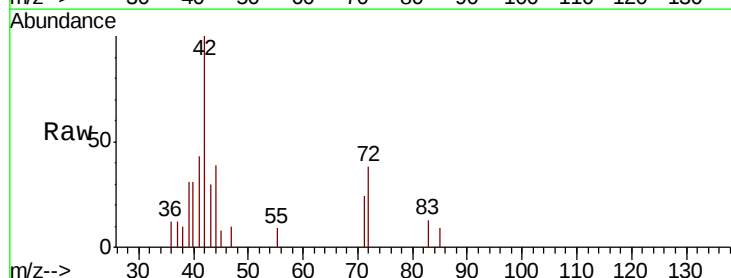
Tot Ion	Ratio	Lower	Upper
96	100		
61	160.6	0.0	285.8
98	59.2	0.0	136.2

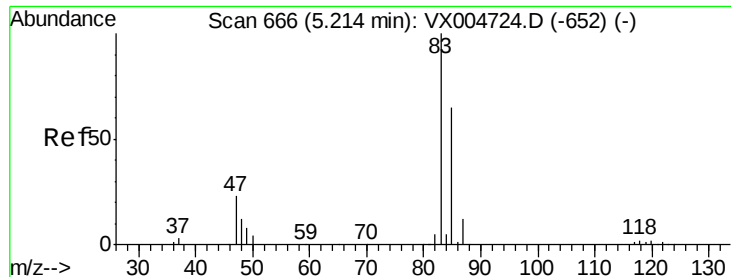


#29

Tetrahydrofuran
 Concen: 1.620 ug/l
 RT: 5.17 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX005185.D
 Acq: 10 Oct 2018 03:51

Tgt Ion	Ratio	Lower	Upper
42	100		
72	39.8	33.7	50.5
71	31.3	32.2	48.4#

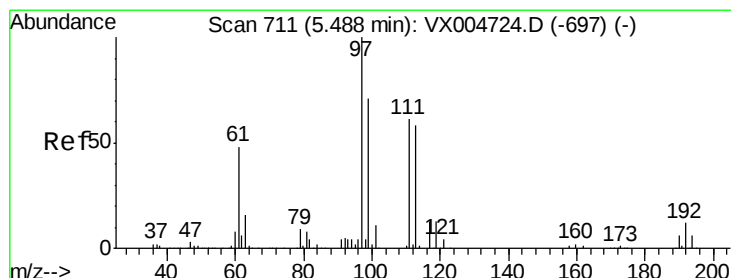
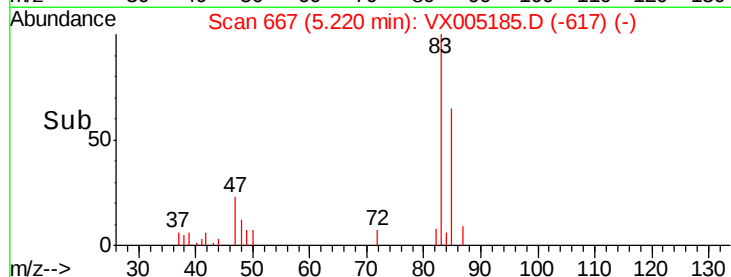
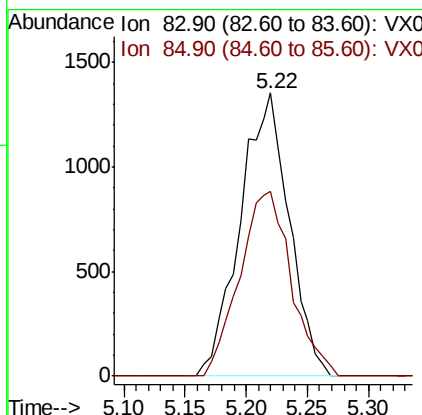
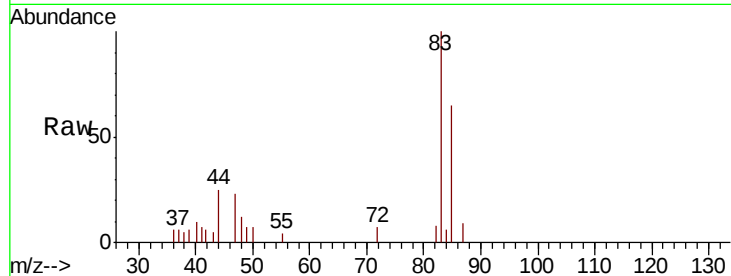




#30
Chloroform
Concen: 0.950 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005185.D
Acq: 10 Oct 2018 03:51

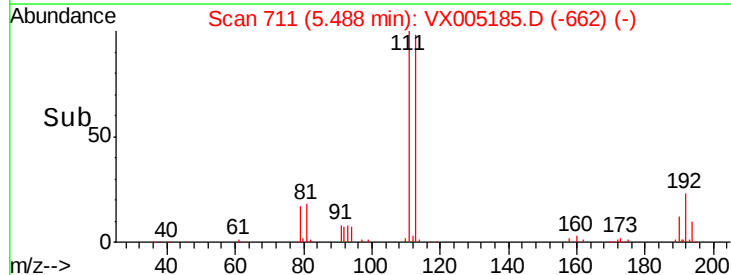
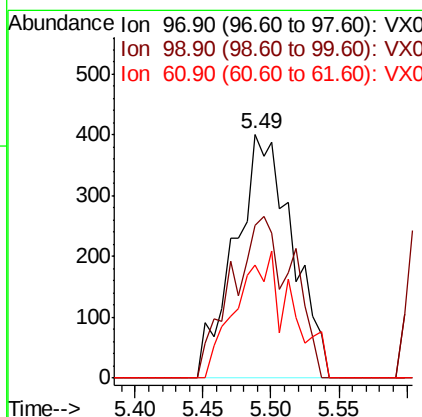
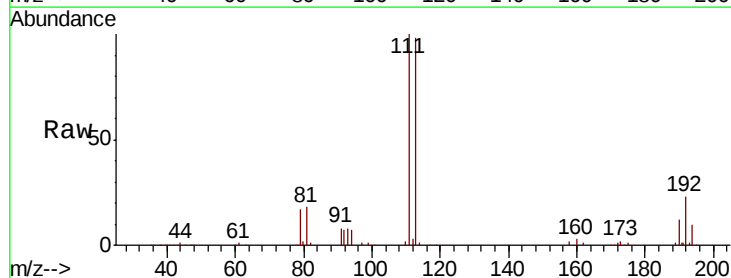
Instrument :
MSVOA_X
ClientSampleId :
TT-DUP02-20181003

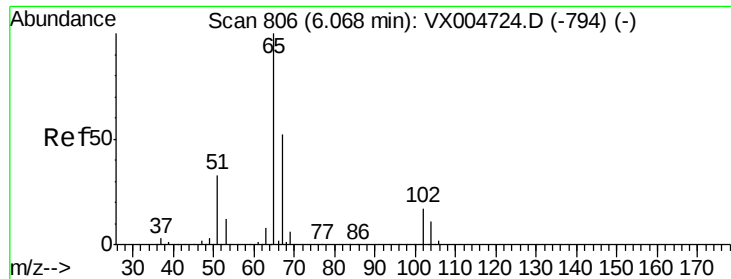
Tot Ion: 83 Resp: 3770
Ion Ratio Lower Upper
83 100
85 65.4 52.4 78.6



#32
1,1,1-Trichloroethane
Concen: 0.365 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.00 min
Lab File: VX005185.D
Acq: 10 Oct 2018 03:51

Tgt Ion: 97 Resp: 1183
Ion Ratio Lower Upper
97 100
99 0.0 54.6 82.0#
61 50.1 37.5 56.3





#33

1,2-Dichloroethane-d4

Concen: 53.108 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005185.D

Acq: 10 Oct 2018 03:51

Instrument :

MSVOA_X

ClientSampleId :

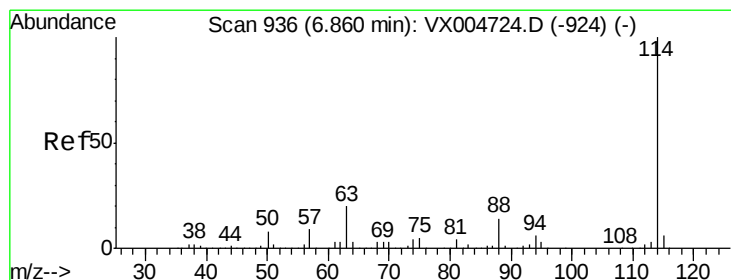
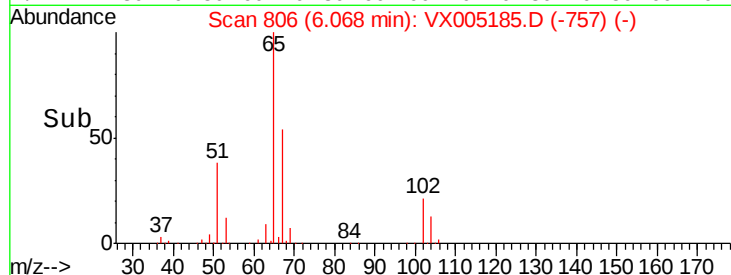
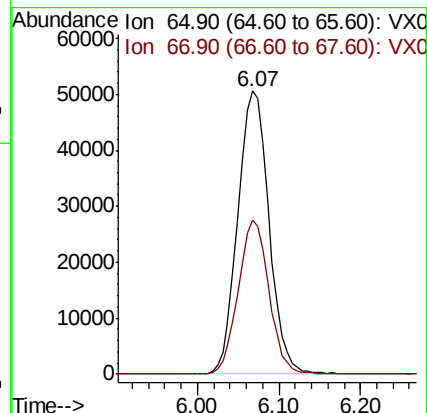
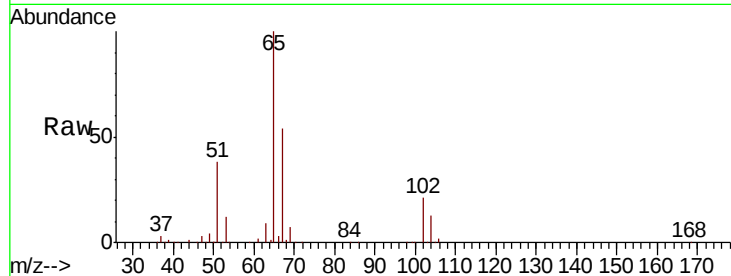
TT-DUP02-20181003

Tot Ion: 65 Resp: 134169

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005185.D

Acq: 10 Oct 2018 03:51

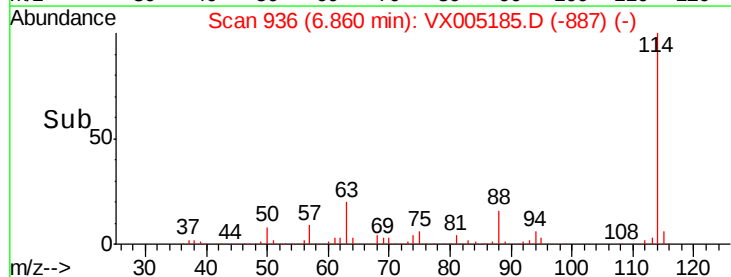
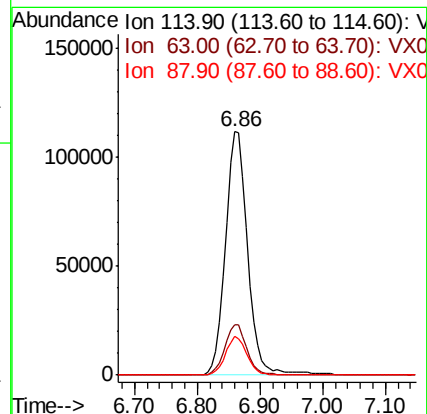
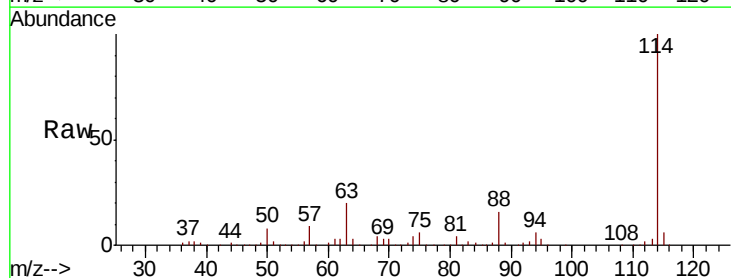
Tgt Ion: 114 Resp: 275369

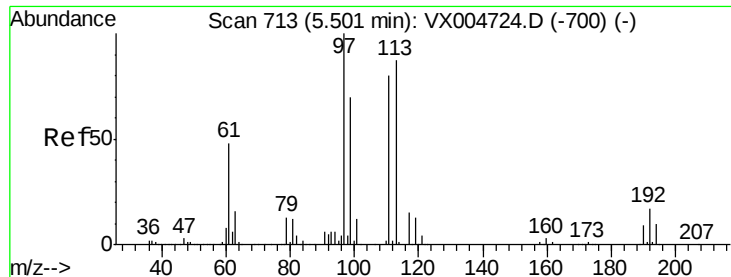
Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.8

88 15.8 0.0 27.0





#35

Dibromofluoromethane

Concen: 50.657 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005185.D

Acq: 10 Oct 2018 03:51

Instrument :

MSVOA_X

ClientSampleId :

TT-DUP02-20181003

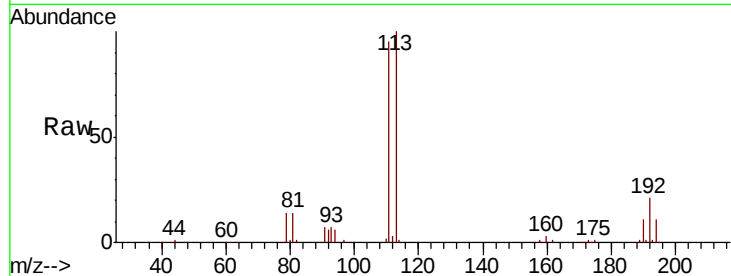
Tot Ion:113 Resp: 118223

Ion Ratio Lower Upper

113 100

111 99.6 77.0 115.4

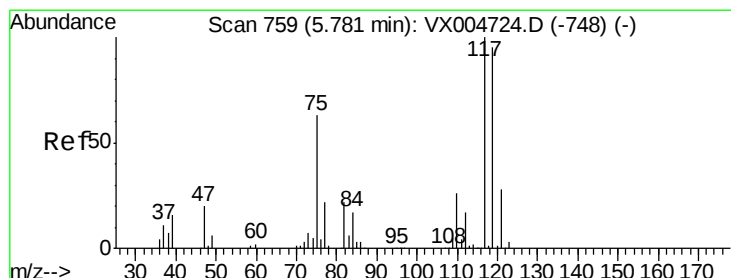
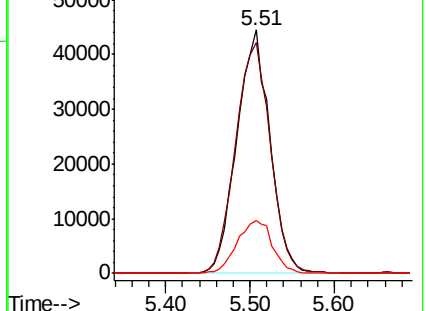
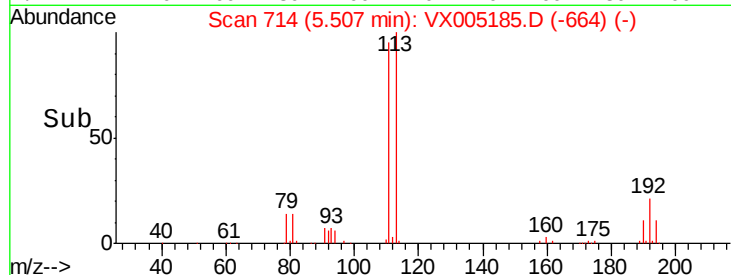
192 23.1 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#38

Carbon Tetrachloride

Concen: 0.517 ug/l

RT: 5.79 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX005185.D

Acq: 10 Oct 2018 03:51

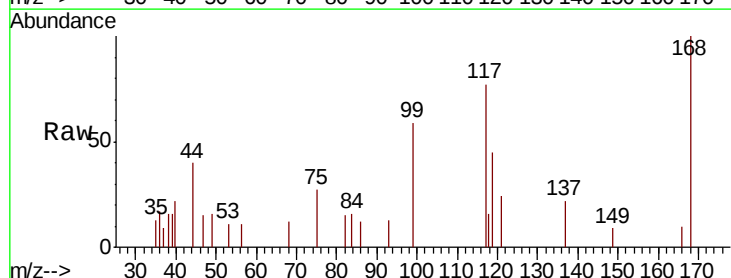
Tgt Ion:117 Resp: 1731

Ion Ratio Lower Upper

117 100

119 58.3 75.2 112.8#

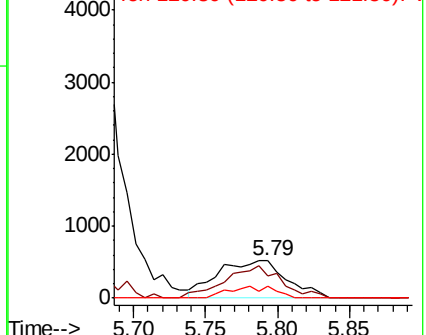
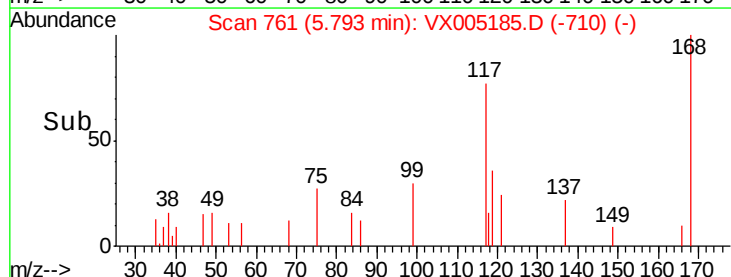
121 31.2 22.5 33.7

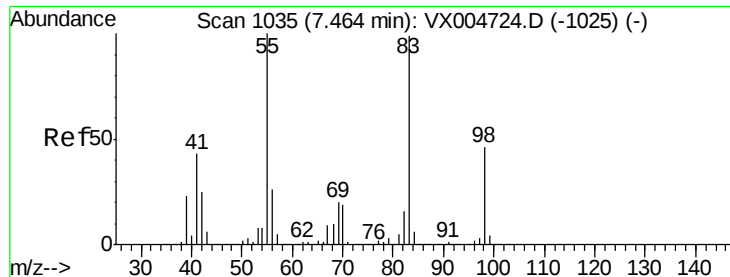


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

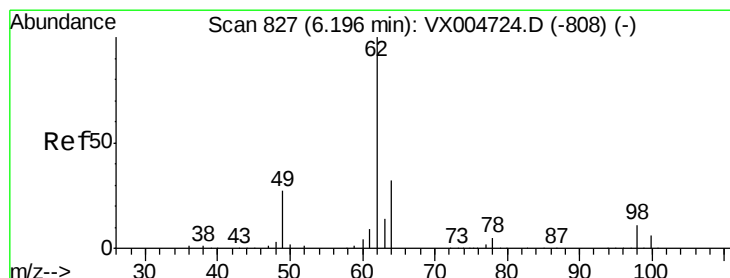
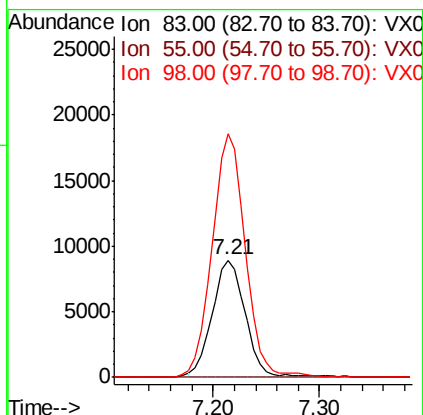
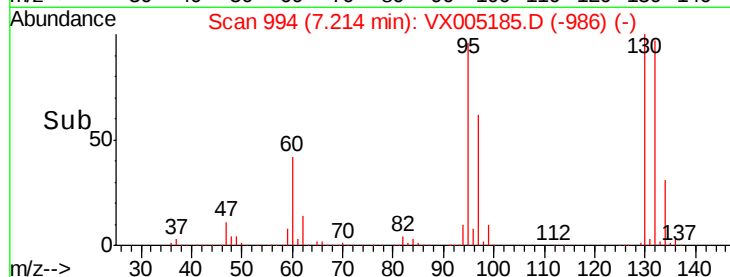
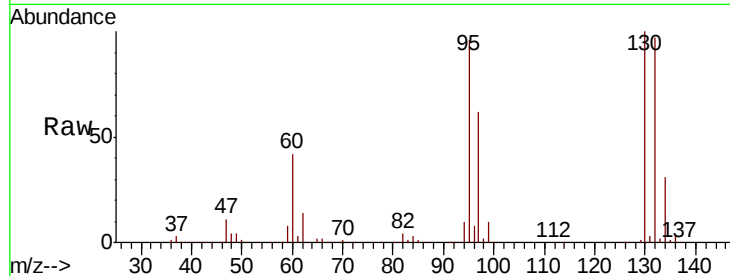




#39
Methvlcvclohexane
Concen: 5.918 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.25 min
Lab File: VX005185.D
Acq: 10 Oct 2018 03:51

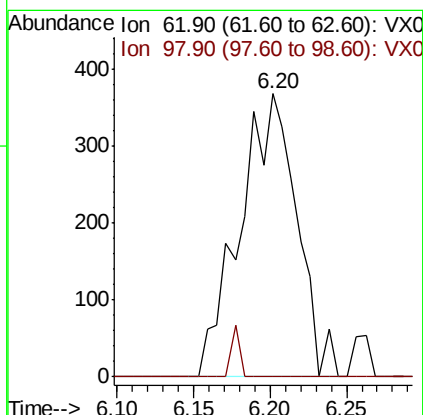
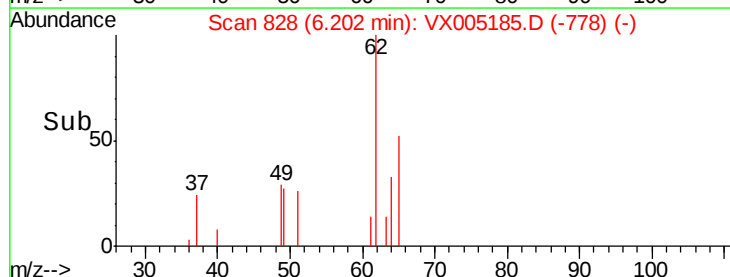
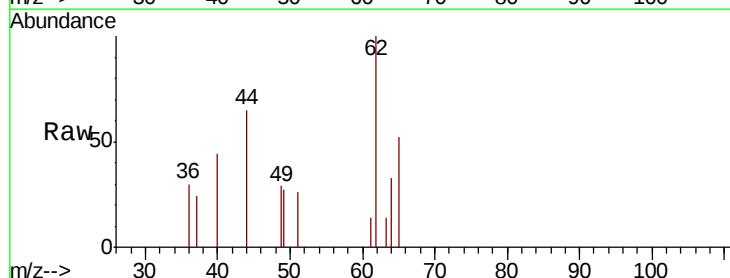
Instrument :
MSVOA_X
ClientSampleId :
TT-DUP02-20181003

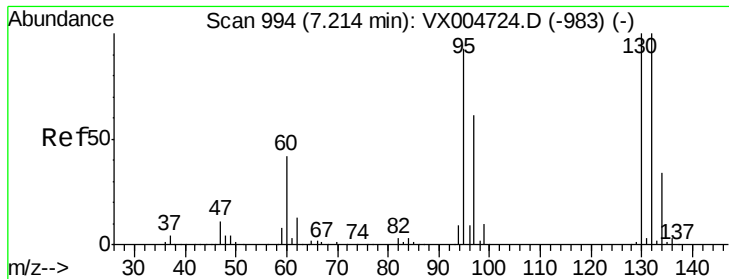
Tot Ion: 83 Resp: 19240
Ion Ratio Lower Upper
83 100
55 0.0 81.1 121.7#
98 206.7 37.3 55.9#



#42
1,2-Dichloroethane
Concen: 0.271 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005185.D
Acq: 10 Oct 2018 03:51

Tgt Ion: 62 Resp: 954
Ion Ratio Lower Upper
62 100
98 0.0 0.0 20.2





#44

Trichloroethene

Concen: 679.250 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005185.D

Acq: 10 Oct 2018 03:51

Instrument :

MSVOA_X

ClientSampleId :

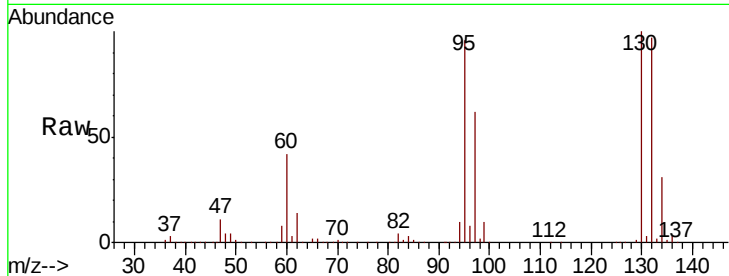
TT-DUP02-20181003

Tot Ion:130 Resp: 1664565

Ion Ratio Lower Upper

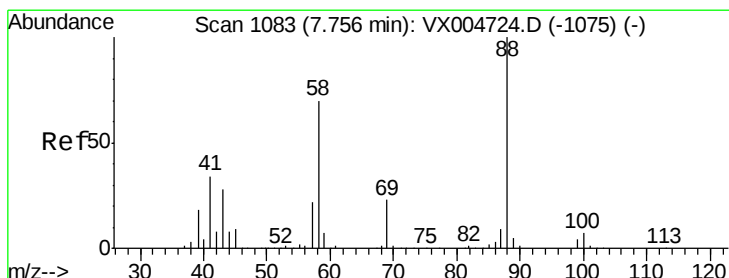
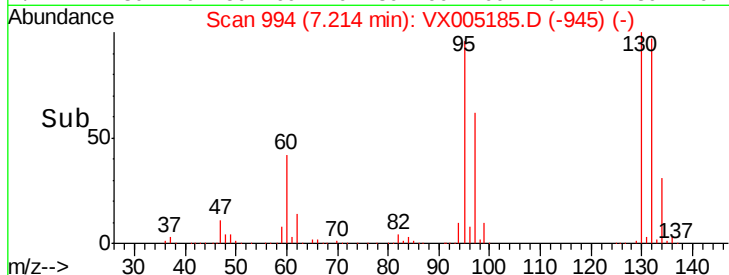
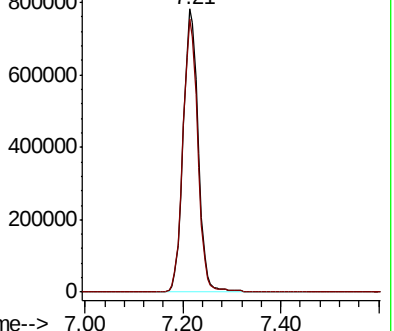
130 100

95 96.5 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 30.585 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VX005185.D

Acq: 10 Oct 2018 03:51

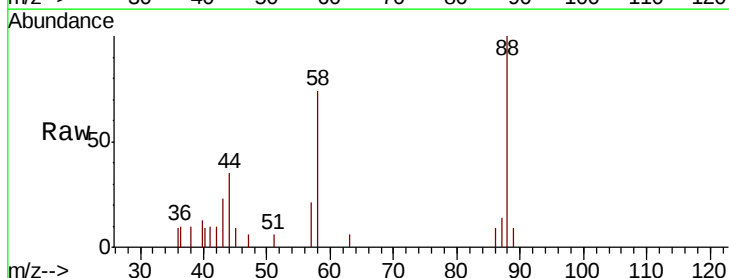
Tgt Ion: 88 Resp: 2104

Ion Ratio Lower Upper

88 100

43 38.6 25.1 37.7#

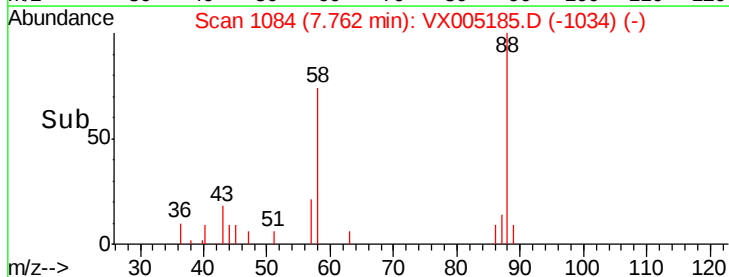
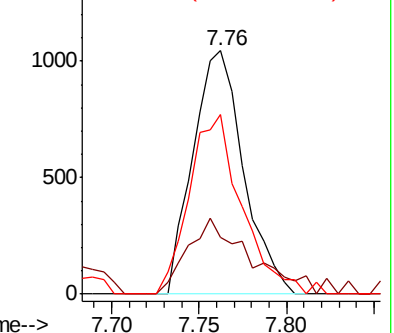
58 76.9 56.2 84.2

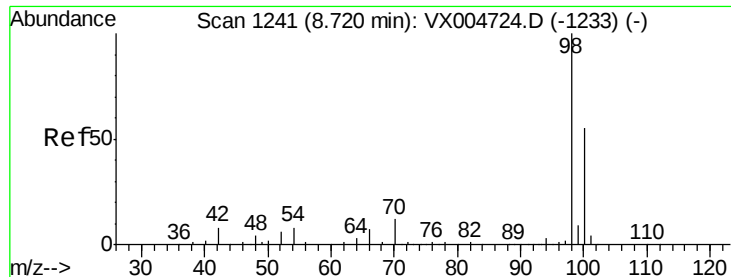


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 52.228 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX005185.D

Acq: 10 Oct 2018 03:51

Instrument :

MSVOA_X

ClientSampleId :

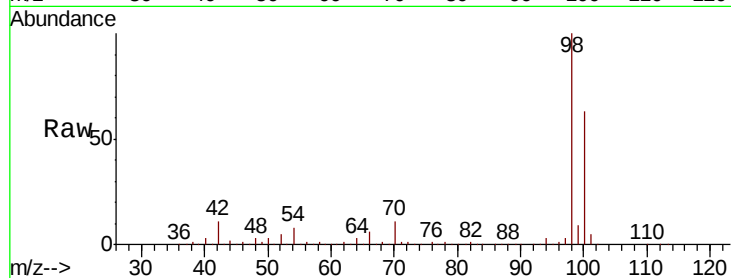
TT-DUP02-20181003

Tot Ion: 98 Resp: 405217

Ion Ratio Lower Upper

98 100

100 63.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

250000

200000

150000

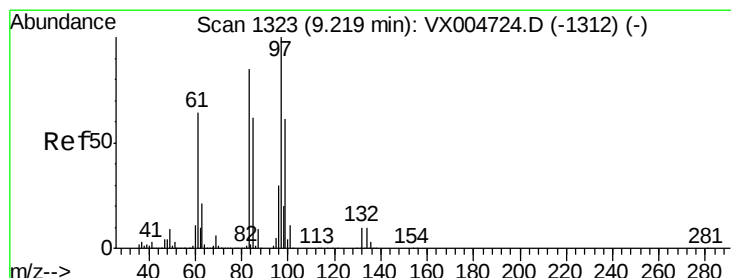
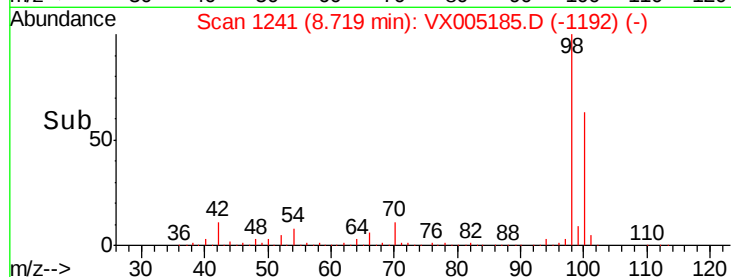
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#55

1,1,2-Trichloroethane

Concen: 0.866 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX005185.D

Acq: 10 Oct 2018 03:51

Tgt Ion: 97 Resp: 2079

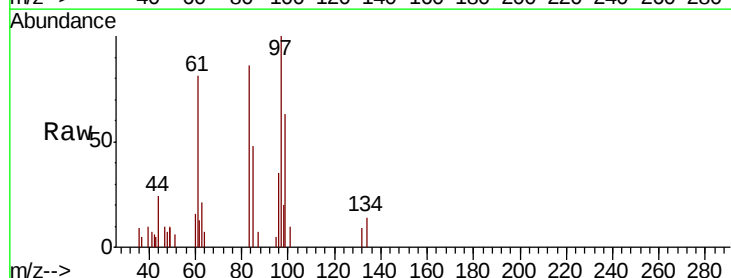
Ion Ratio Lower Upper

97 100

83 85.8 68.2 102.2

85 47.6 49.9 74.9#

99 63.3 48.9 73.3



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

2000

1500

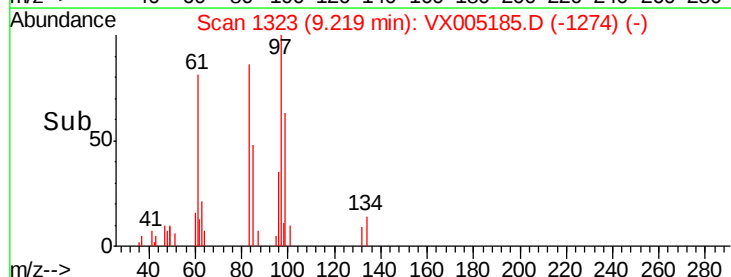
1000

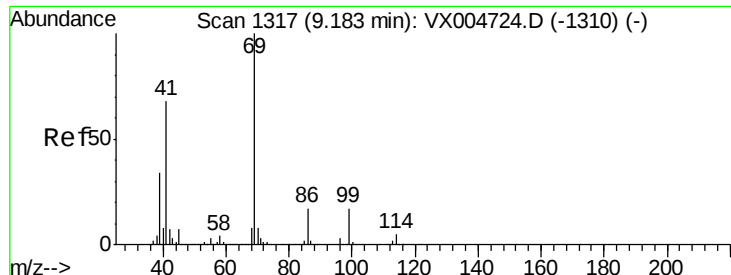
500

0

9.15 9.20 9.25

Time-->

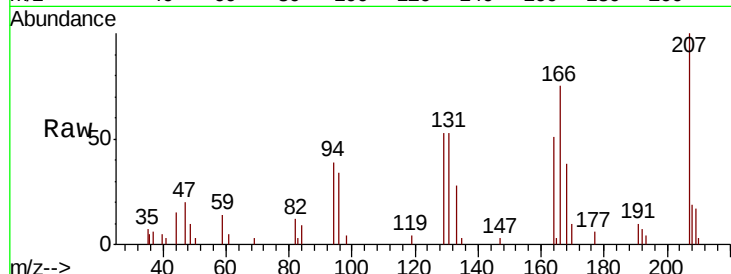




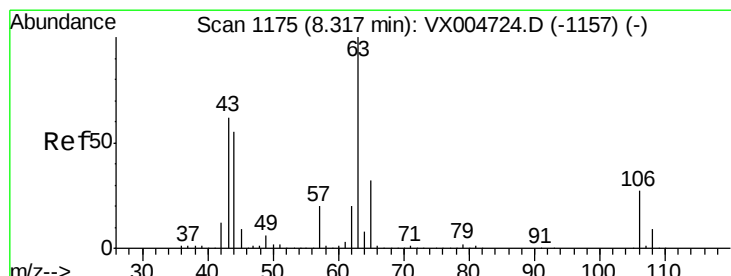
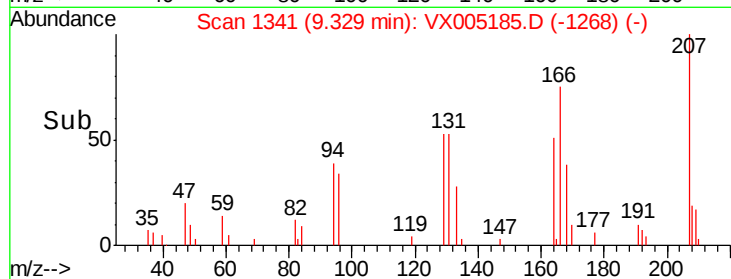
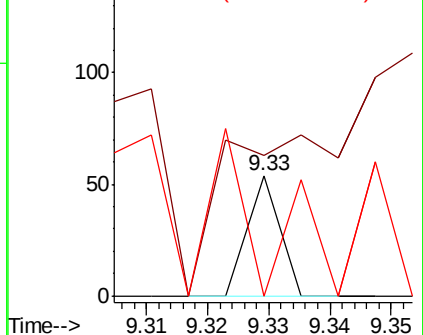
#56
 Ethyl methacrylate
 Concen: 2.867 ug/l
 RT: 9.33 min Scan# 1341
 Delta R.T. 0.15 min
 Lab File: VX005185.D
 Acq: 10 Oct 2018 03:51

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-DUP02-20181003

Tot Ion: 69 Resp: 20
 Ion Ratio Lower Upper
 69 100
 41 670.0 56.9 85.3#
 39 555.0 28.4 42.6#

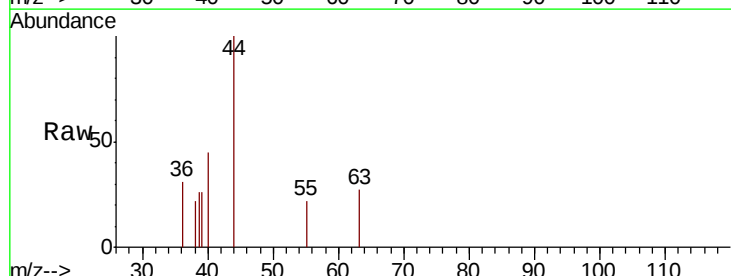


Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

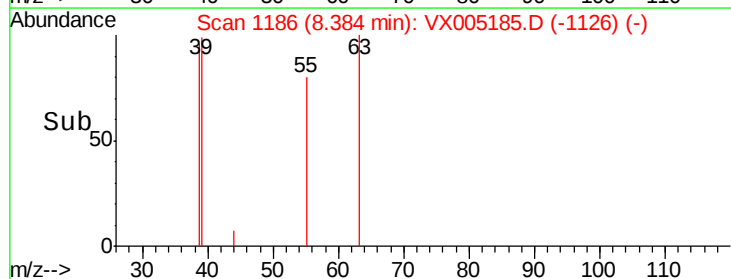
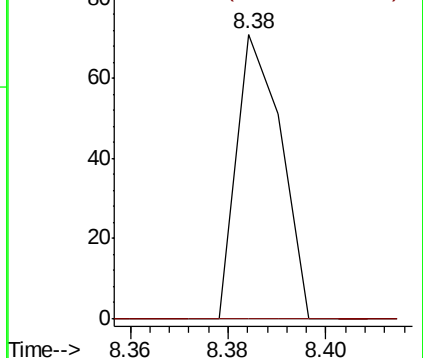


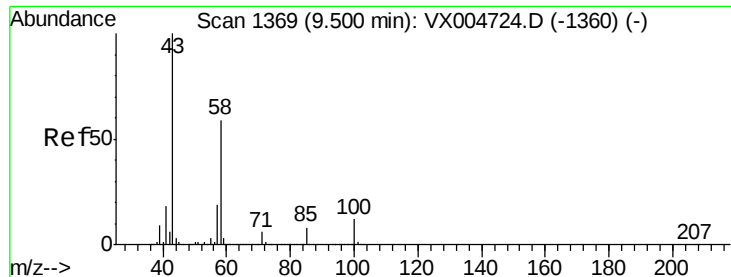
#58
 2-Chloroethyl Vinyl ether
 Concen: 14.263 ug/l
 RT: 8.38 min Scan# 1186
 Delta R.T. 0.07 min
 Lab File: VX005185.D
 Acq: 10 Oct 2018 03:51

Tgt Ion: 63 Resp: 45
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.0 31.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0
 Ion 105.90 (105.60 to 106.60): V

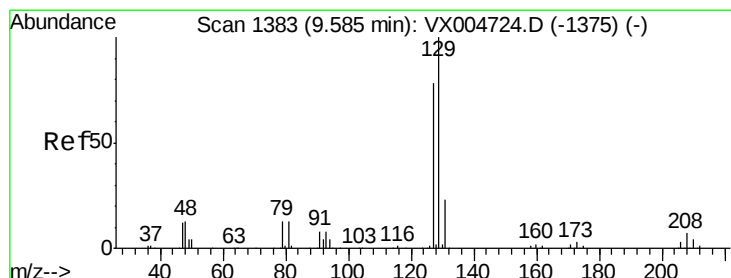
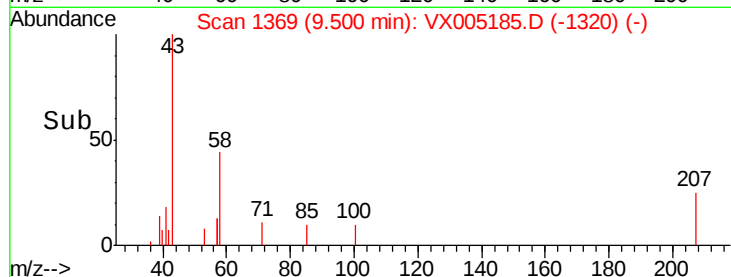
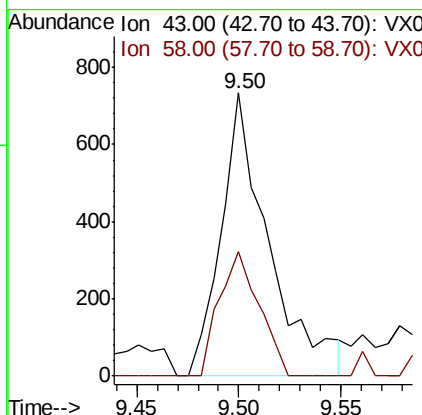
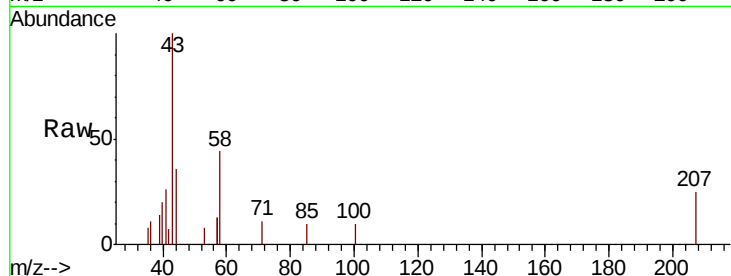




#59
2-Hexanone
Concen: 0.371 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005185.D
Acq: 10 Oct 2018 03:51

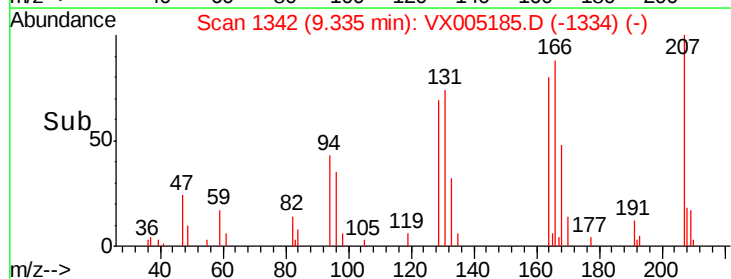
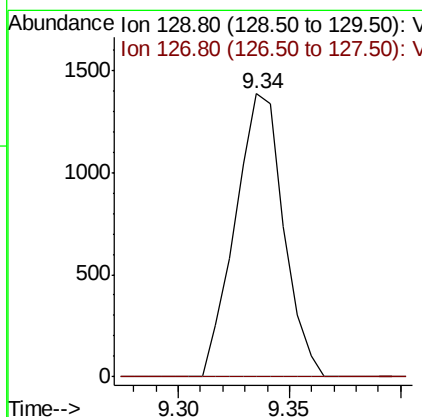
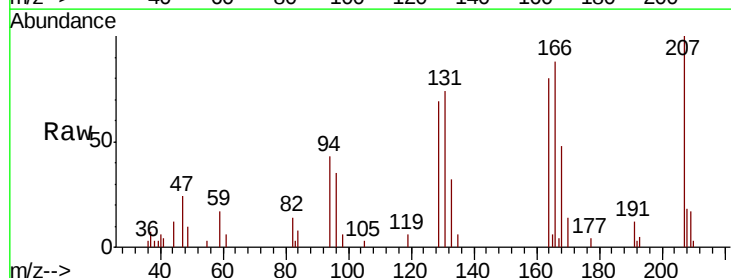
Instrument :
MSVOA_X
ClientSampleId :
TT-DUP02-20181003

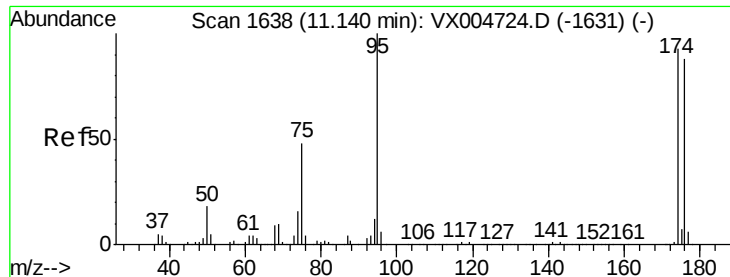
Tot Ion: 43 Resp: 1189
Ion Ratio Lower Upper
43 100
58 36.8 28.4 85.3



#60
Dibromochloromethane
Concen: 0.875 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.25 min
Lab File: VX005185.D
Acq: 10 Oct 2018 03:51

Tgt Ion: 129 Resp: 2099
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.2#

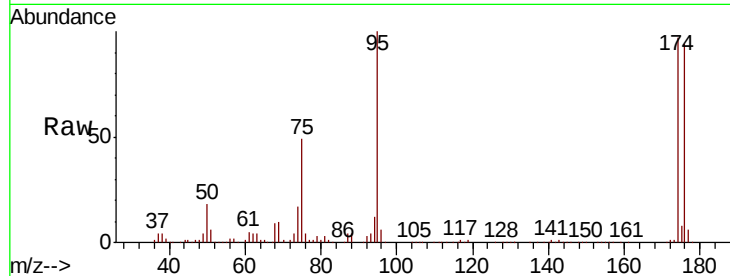




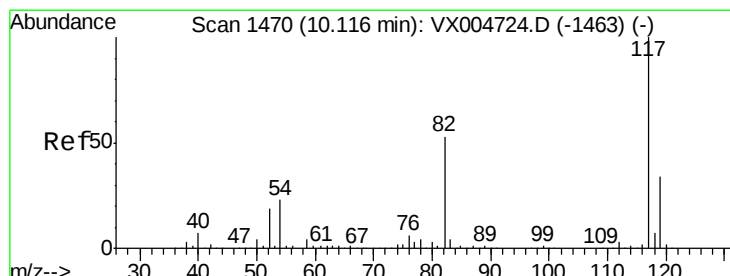
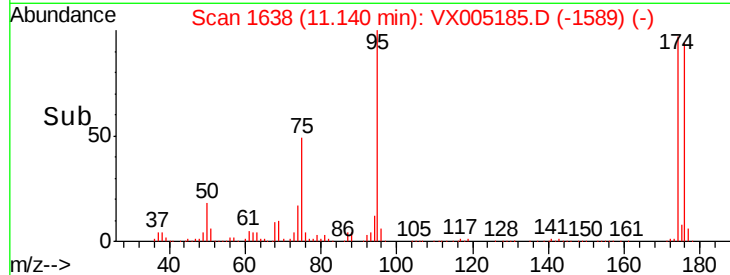
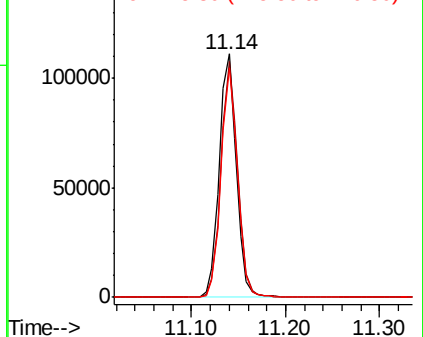
#62
4-Bromofluorobenzene
Concen: 50.232 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005185.D
Acq: 10 Oct 2018 03:51

Instrument :
MSVOA_X
ClientSampleId :
TT-DUP02-20181003

Tot Ion: 95 Resp: 140403
Ion Ratio Lower Upper
95 100
174 94.8 0.0 185.0
176 91.2 0.0 180.2

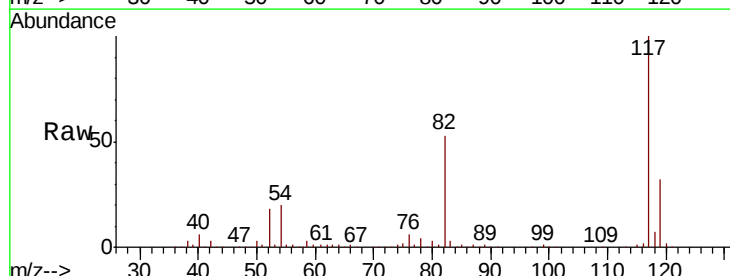


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

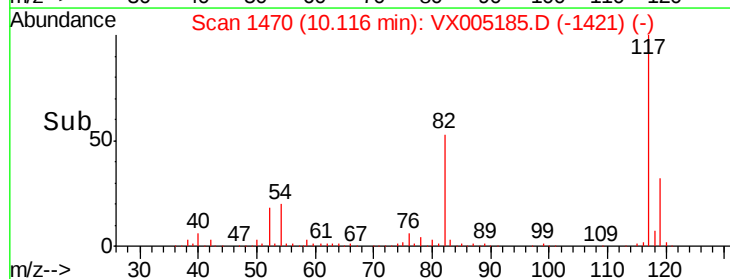
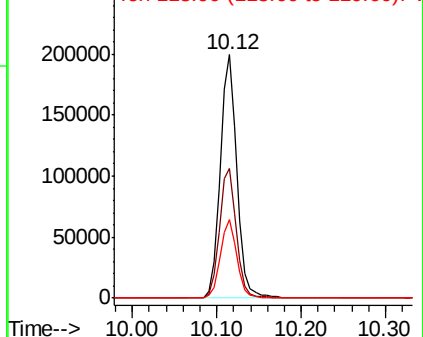


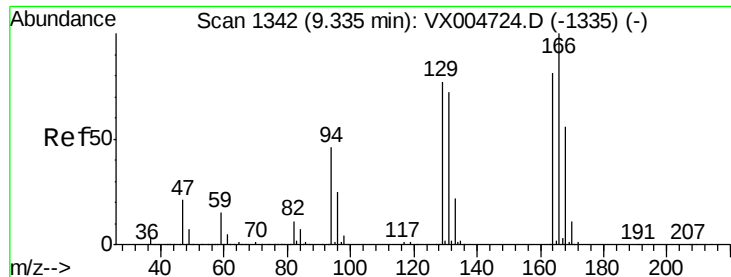
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005185.D
Acq: 10 Oct 2018 03:51

Tgt Ion: 117 Resp: 272198
Ion Ratio Lower Upper
117 100
82 53.2 42.2 63.4
119 32.3 27.4 41.0



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 0.895 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX005185.D

Acq: 10 Oct 2018 03:51

Instrument :

MSVOA_X

ClientSampleId :

TT-DUP02-20181003

Tot Ion:164 Resp: 2397

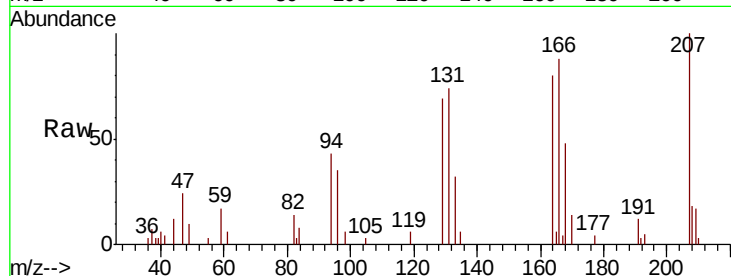
Ion Ratio Lower Upper

164 100

166 110.2 98.4 147.6

129 85.9 76.1 114.1

131 92.7 71.0 106.4

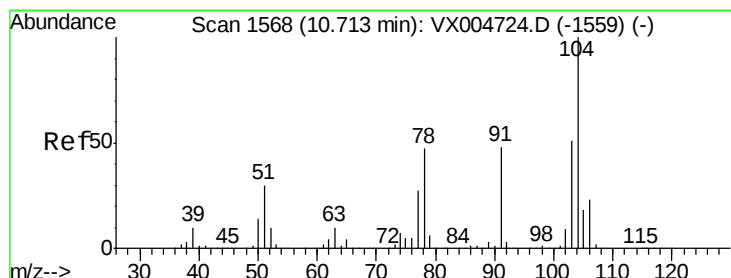
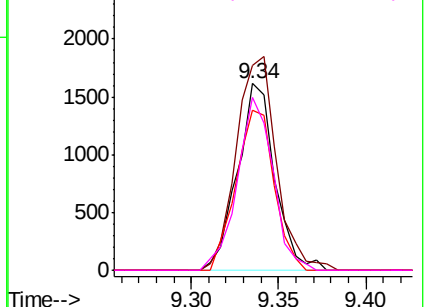
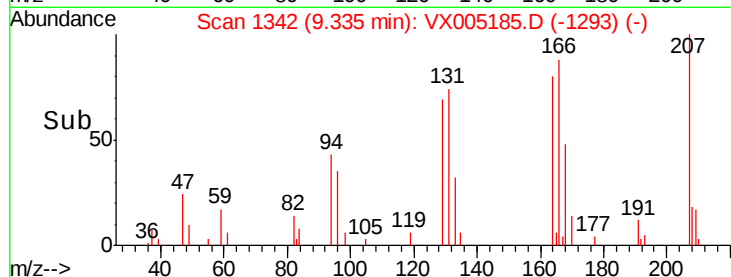


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#70

Styrene

Concen: 2.187 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX005185.D

Acq: 10 Oct 2018 03:51

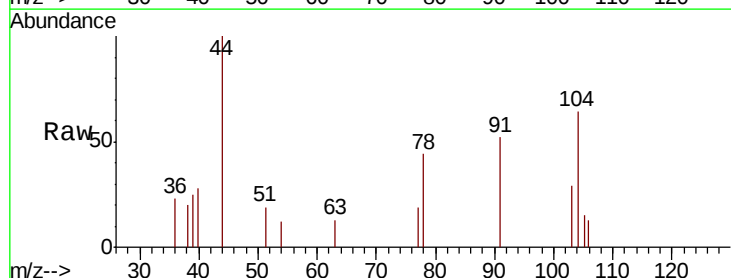
Tgt Ion:104 Resp: 363

Ion Ratio Lower Upper

104 100

78 49.6 40.0 60.0

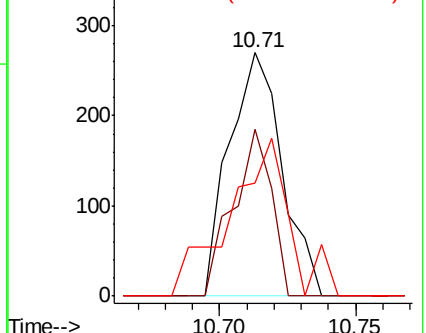
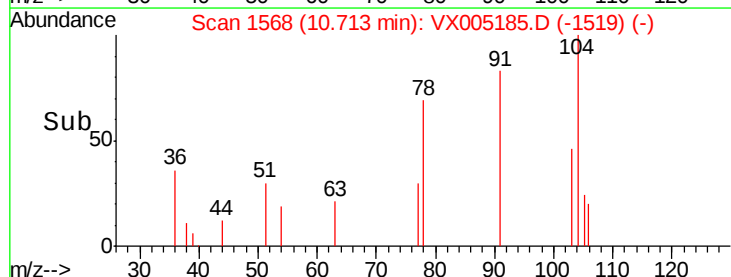
103 73.8 44.3 66.5#

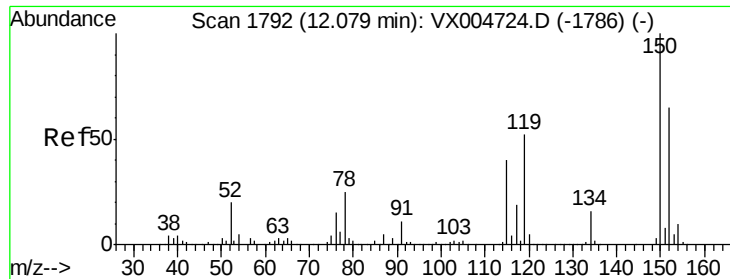


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005185.D

Acq: 10 Oct 2018 03:51

Instrument :

MSVOA_X

ClientSampleId :

TT-DUP02-20181003

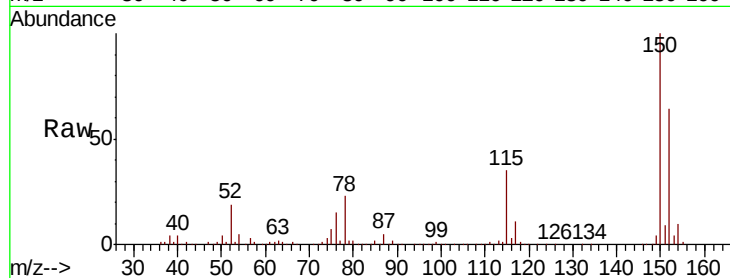
Tot Ion:152 Resp: 148977

Ion Ratio Lower Upper

152 100

115 55.4 40.2 120.6

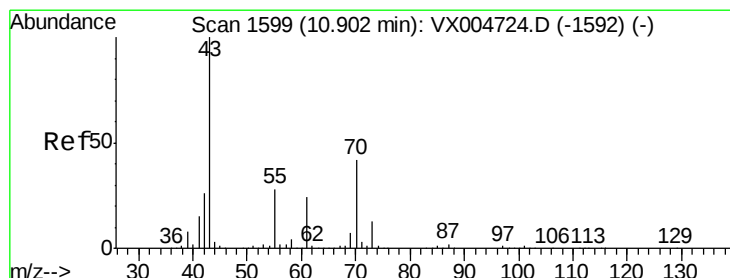
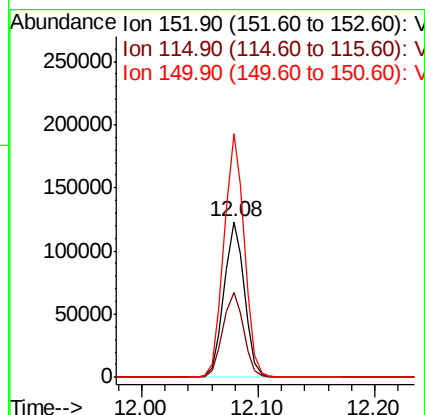
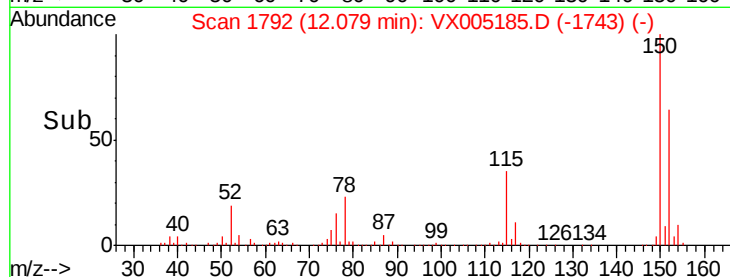
150 156.1 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 1.794 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX005185.D

Acq: 10 Oct 2018 03:51

Tgt Ion: 43 Resp: 246

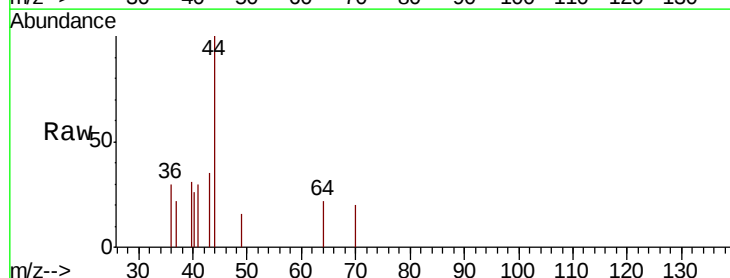
Ion Ratio Lower Upper

43 100

70 36.2 32.6 48.8

55 0.0 21.6 32.4#

61 0.0 19.1 28.7#

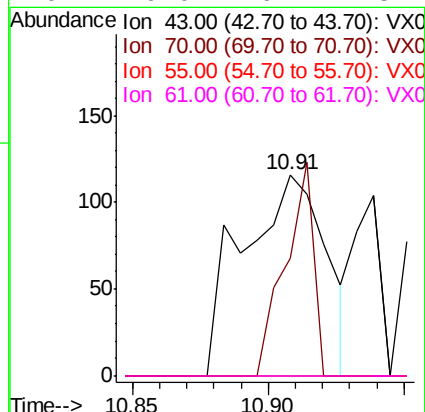
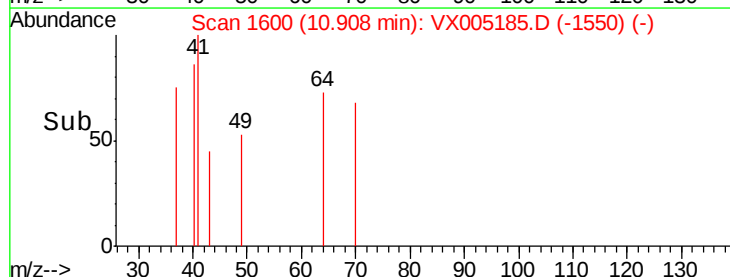


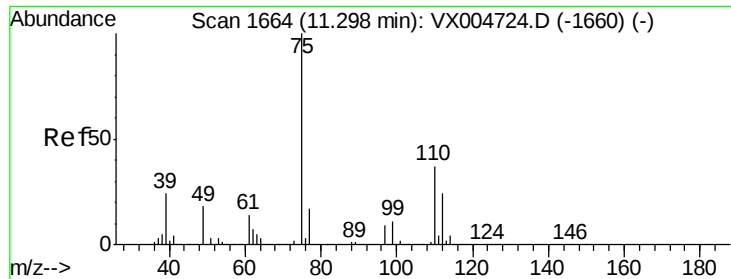
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

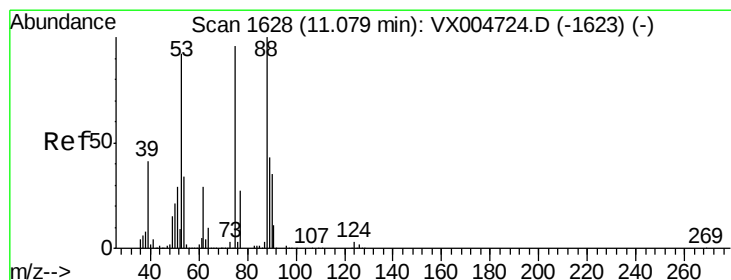
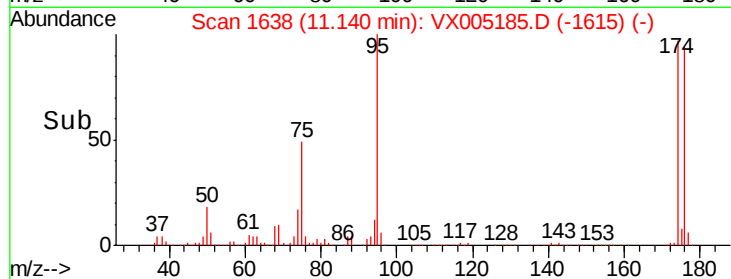
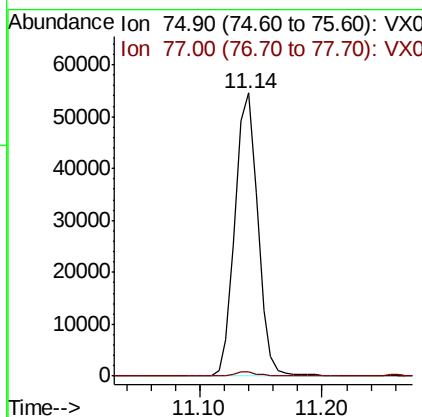
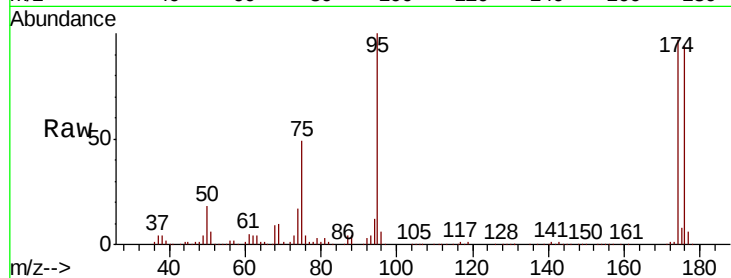




#76
 1,2,3-Trichloropropane
 Concen: 21.077 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX005185.D
 Acq: 10 Oct 2018 03:51

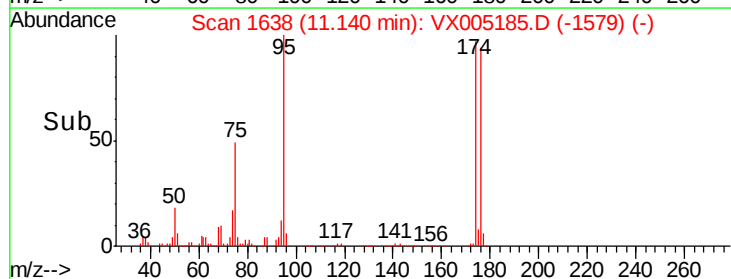
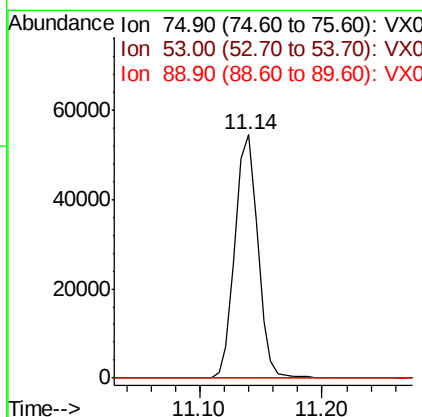
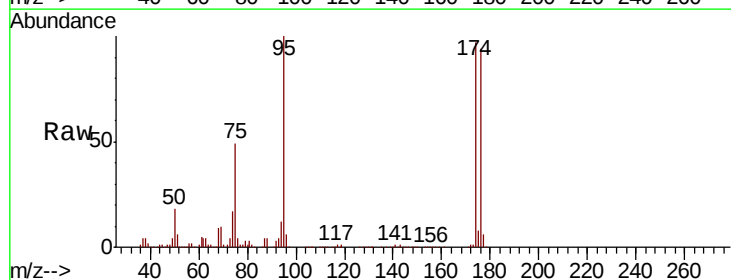
Instrument :
 MSVOA_X
 ClientSampleId :
 TT-DUP02-20181003

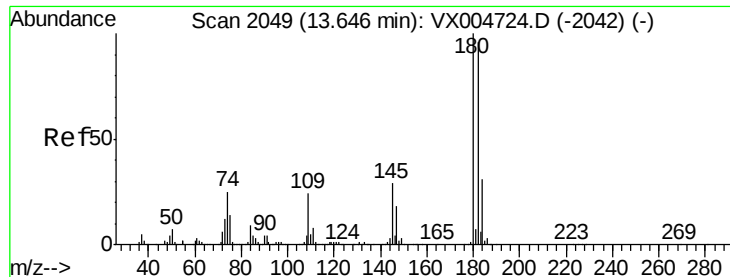
Tot Ion: 75 Resp: 70380
 Ion Ratio Lower Upper
 75 100
 77 1.5 21.4 64.3#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.189 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.06 min
 Lab File: VX005185.D
 Acq: 10 Oct 2018 03:51

Tgt Ion: 75 Resp: 70380
 Ion Ratio Lower Upper
 75 100
 53 0.4 80.2 120.4#
 89 0.0 37.1 55.7#

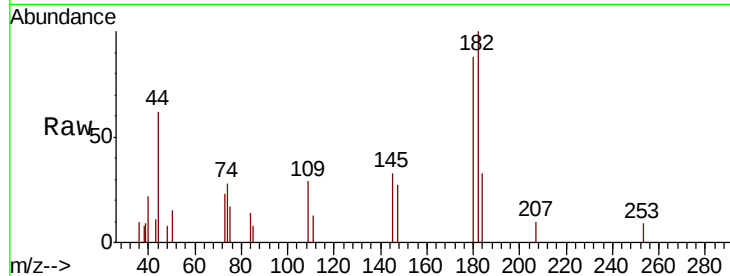




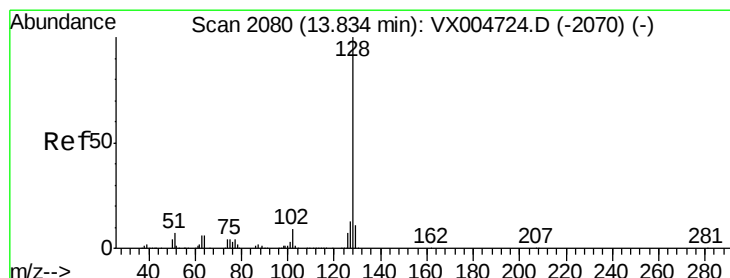
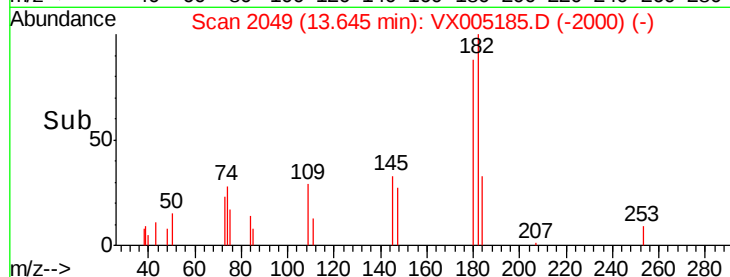
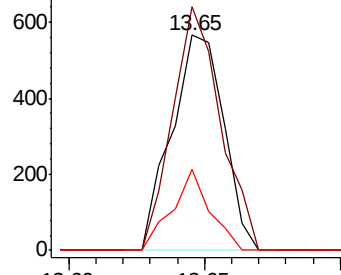
#93
 1,2,4-Trichlorobenzene
 Concen: 0.202 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005185.D
 Acq: 10 Oct 2018 03:51

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-DUP02-20181003

Tot Ion:180 Resp: 754
 Ion Ratio Lower Upper
 180 100
 182 103.7 47.8 143.4
 145 27.1 14.1 42.4

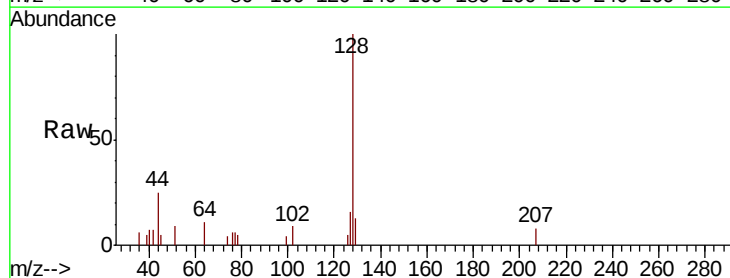


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 0.857 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX005185.D
 Acq: 10 Oct 2018 03:51

Tgt Ion:128 Resp: 1731
 Ion Ratio Lower Upper
 128 100
 127 15.4 10.4 15.6
 129 11.3 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

